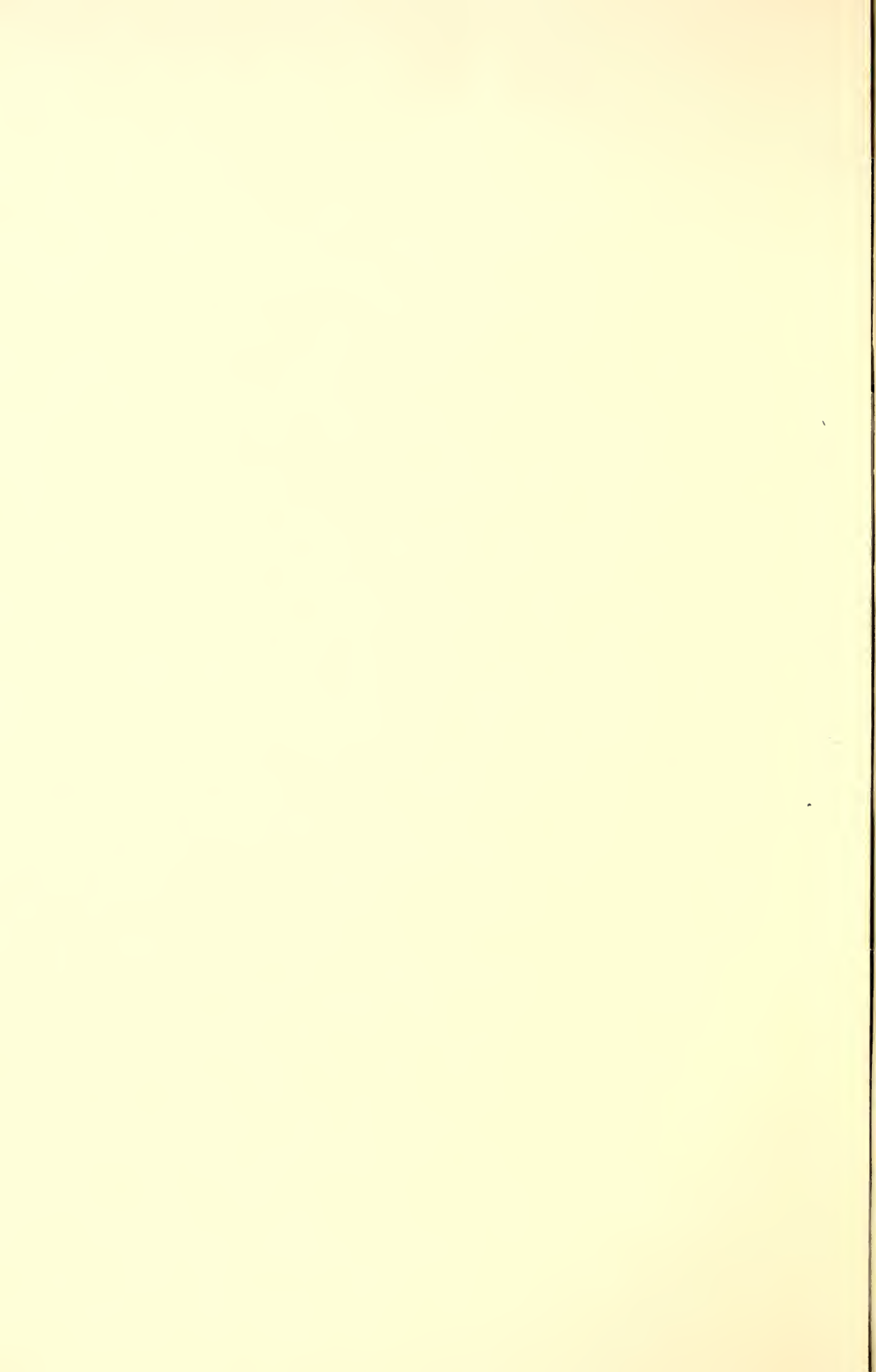


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[PUBLIC—No. 190—64TH CONGRESS.]

[H. R. 12717.]

An Act Making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the following sums be, and they are hereby, appropriated, out of any money in the Treasury of the United States not otherwise appropriated, in full compensation for the fiscal year ending June thirtieth, nineteen hundred and seventeen, for the purposes and objects hereinafter expressed, namely:

DEPARTMENT OF AGRICULTURE.

OFFICE OF THE SECRETARY.

SALARIES, OFFICE OF THE SECRETARY OF AGRICULTURE: Secretary of Agriculture, \$12,000; Assistant Secretary of Agriculture, \$5,000; Solicitor, \$5,000; chief clerk, \$3,000, and \$500 additional as custodian of buildings; private secretary to the Secretary of Agriculture, \$2,500; executive clerk, \$2,250; executive clerk, \$2,100; stenographer and executive clerk to the Secretary of Agriculture, \$2,250; private secretary to the Assistant Secretary of Agriculture, \$2,250; one appointment clerk, \$2,000; one assistant in charge of information, \$3,000; one officer in charge of supplies, \$2,000; one assistant, \$2,000; one inspector, \$2,750; one inspector, \$2,250; one law clerk, \$3,250; one law clerk, \$3,000; one law clerk, \$2,750; four law clerks, at \$2,500 each; eight law clerks, at \$2,250 each; one law clerk, \$2,200; six law clerks, at \$2,000 each; three law clerks, at \$1,800 each; three law clerks, at \$1,600 each; one expert on exhibits, \$3,000; one telegraph and telephone operator, \$1,600; one assistant chief clerk and captain of the watch, \$1,800; four clerks, class four; twelve clerks, class three; nineteen clerks, class two; twenty-three clerks, class one; one auditor, \$2,000; one accountant and bookkeeper, \$2,000; one clerk, \$1,440; one clerk, \$1,020; seven clerks, at \$1,000 each; twelve clerks, at \$900 each; one clerk, \$840; fifteen messengers or laborers, at \$840 each; twelve assistant messengers or laborers, at \$720 each; one messenger or laborer, \$660; one mechanical superintendent, \$2,500; one engineer, \$1,400; one assistant engineer, \$1,200; two assistant engineers, at \$1,000 each; eight firemen, at \$720 each; eleven elevator conductors, at \$720 each; three elevator conductors, at \$600 each; one superintendent of shops, \$1,400; one cabinet-shop foreman, \$1,200; four cabinetmakers or carpenters, at \$1,200 each; three cabinetmakers or carpenters, at \$1,100 each; nine cabinetmakers or carpenters, at \$1,020 each; three cabinetmakers or carpenters, at \$900 each; one electrician, \$1,100; one electrical wireman, \$1,000; one electrical wireman, \$900; three electrician's helpers, at \$720 each; one painter, \$1,000; five painters, at \$900 each; five plumbers or steam fitters, at \$1,020 each; one plumber's helper, \$840; two plumber's helpers, at \$720 each; one

blacksmith, \$900; one tinner's helper, \$720; one lieutenant of the watch, \$1,000; two lieutenants of the watch, at \$960 each; fifty watchmen, at \$720 each; four mechanics, at \$1,200 each; one skilled laborer, \$1,000; two skilled laborers, at \$960 each; two skilled laborers, at \$840 each; one skilled laborer, \$720; one janitor, \$900; twenty-two assistant messengers, messenger boys, or laborers, at \$600 each; one carriage driver, \$600; twenty-one laborers or messenger boys, at \$480 each; one messenger or messenger boy, \$360; one charwoman, \$540; two charwomen, at \$480 each; fifteen charwomen, at \$240 each; for extra labor and emergency employments, \$12,000; in all, \$402,350.

**SALARIES, OFFICE OF FARM MANAGEMENT:** One chief of office, \$4,000; one executive assistant, \$2,250; two clerks, class three; three clerks, class two; six clerks, class one; two clerks, at \$1,100 each; one clerk, \$1,080; one clerk or photographer, \$1,020; eight clerks, at \$1,000 each; ten clerks, at \$900 each; four clerks or map tracers, at \$840 each; three clerks or map tracers, at \$720 each; one lantern-slide colorist, \$720; one messenger or laborer, \$720; one messenger, messenger boy, or laborer, \$660; three messengers, messenger boys, or laborers, at \$480 each; one laborer, \$360; four charwomen, at \$240 each; one library assistant, \$1,440; one photographer, \$1,400; one photographer, \$1,000; one draftsman, \$1,440; one draftsman, \$1,200; two draftsmen, at \$900 each; in all, \$60,810.

**GENERAL EXPENSES, OFFICE OF FARM MANAGEMENT:** For the employment of persons in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in carrying out the work herein authorized, as follows:

To investigate and encourage the adoption of improved methods of farm management and farm practice, \$220,000;

For studying methods of clearing off "logged-off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing; in co-operation with the States, companies, or individuals, or otherwise, \$5,000;

In all, for general expenses, \$225,000.

Total for Office of the Secretary of Agriculture, \$688,160.

#### WEATHER BUREAU.

**SALARIES, WEATHER BUREAU:** One chief of bureau, \$5,000; one assistant chief of bureau, \$3,250; one chief clerk, \$2,500; one chief of division of stations and accounts, \$2,750; one chief of printing division, \$2,500; three chiefs of division, at \$2,000 each; eight clerks, class four; eleven clerks, class three; twenty-three clerks, class two; thirty-one clerks, class one; twenty-two clerks, at \$1,000 each; ten clerks, at \$900 each; one foreman of printing, \$1,600; one lithographer, \$1,500; three lithographers, at \$1,200 each; one pressman, \$1,200; one printer or compositor, \$1,440; five printers or compositors, at \$1,350 each; fourteen printers or compositors, at \$1,300 each; six printers or compositors, at \$1,080 each; five printers or compositors, at \$1,000 each; four folders and feeders, at \$720 each; one chief instrument maker, \$1,440; three instrument makers, at \$1,300 each; one instrument maker, \$1,200; two skilled mechanics, at \$1,200 each; five skilled



mechanics, at \$1,000 each; one skilled mechanic, \$840; one skilled mechanic, \$720; six skilled artisans, at \$840 each; one engineer, \$1,300; one fireman and steam fitter, \$840; four firemen, at \$720 each; one captain of the watch, \$1,000; one electrician, \$1,200; one gardner, \$1,000; four repairmen, at \$840 each; six repairmen, at \$720 each; four watchmen, at \$720 each; seventeen messengers, messenger boys, or laborers, at \$720 each; six messengers, messenger boys, or laborers, at \$660 each; thirty-one messengers, messenger boys, or laborers, at \$600 each; eighty-eight messengers, messenger boys, or laborers, at \$480 each; five messengers, messenger boys, or laborers, at \$450 each; thirty-seven messenger boys, at \$360 each; one charwoman, \$360; three charwomen, at \$240 each; in all, \$336,060.

GENERAL EXPENSES, WEATHER BUREAU: For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, in the Panama Canal, the Caribbean Sea, and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an Act approved October first, eighteen hundred and ninety, so far as they relate to the weather service transferred thereby to the Department of Agriculture, for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, apprentices, operators, skilled mechanics, instrument makers, foremen, assistant foremen, proof readers, compositors, pressmen, lithographers, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen, and other necessary employees; for fuel, gas, electricity, freight and express charges, furniture, stationery, ice, dry goods, twine, mats, oil, paints, glass, lumber, hardware, and washing towels; for advertising; for purchase, subsistence and care of horses and vehicles, the purchase and repair of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repairs and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers and the issuing of river forecasts and warnings; for observations and reports relating to crops and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:

For necessary expenses in the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology, \$109,250;

For the maintenance of a printing office in the city of Washington for the printing of weather maps, bulletins, circulars, forms, and

other publications, including the pay of additional employees, when necessary, \$12,800: *Provided*, That no printing shall be done by the Weather Bureau, that in the judgment of the Secretary of Agriculture, can be done at the Government Printing Office without impairing the service of said bureau;

For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology, \$1,242,650, including not to exceed \$626,720 for salaries, \$130,040 for special observations and reports, and \$292,150 for telegraphing and telephoning;

For official traveling expenses, \$24,000;

For the purchase of a site and the erection of a building at Cape Henry, Virginia, to be constructed under the supervision of the Chief of the Weather Bureau, plans and specifications to be approved by the Secretary of Agriculture, and for all necessary labor, materials, and expenses connected with this work, \$22,500;

In all, for general expenses, \$1,411,200.

Total for Weather Bureau, \$1,747,260.

#### BUREAU OF ANIMAL INDUSTRY.

**SALARIES, BUREAU OF ANIMAL INDUSTRY:** One chief of bureau, \$5,000; one chief clerk, \$2,500; one editor and compiler, \$2,250; one executive clerk, \$2,000; one executive clerk, \$1,920; five clerks, class four; one clerk, \$1,680; thirteen clerks, class three; two clerks, at \$1,500 each; twenty-three clerks, class two; two clerks, at \$1,380 each; three clerks, at \$1,320 each; one clerk, \$1,300; one clerk, \$1,260; forty-five clerks, class one; one clerk, \$1,100; one clerk, \$1,080; fifty-six clerks, at \$1,000 each; two clerks, at \$960 each; ninety-four clerks, at \$900 each; one architect, \$2,000; one illustrator, \$1,400; one laboratory helper, \$1,200; two laboratory helpers, at \$1,020 each; one laboratory helper, \$840; one laboratory helper, \$720; two laboratory helpers, at \$600 each; one laboratory helper, \$480; one instrument maker, \$1,200; one carpenter, \$1,140; two carpenters, at \$1,000 each; two messengers and custodians, at \$1,200 each; one skilled laborer, \$1,000; thirty-two skilled laborers, at \$900 each; eleven messengers, skilled laborers, or laborers, at \$840 each; fourteen messengers, skilled laborers, or laborers, at \$720 each; four laborers, at \$660 each; eight laborers, at \$600 each; three laborers, at \$540 each; thirty laborers, at \$480 each; one laborer, \$240; three messenger boys, at \$600 each; nine messenger boys, at \$480 each; eight messenger boys, at \$360 each; one watchman, \$720; one charwoman, \$600; one charwoman, \$540; thirteen charwomen, at \$480 each; five charwomen, at \$360 each; two charwomen, at \$300 each; five charwomen, at \$240 each; in all, \$398,470.

**GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY:** For carrying out the provisions of the Act approved May twenty-ninth, eighteen hundred and eighty-four, establishing a Bureau of Animal Industry, and the provisions of the Act approved March third, eighteen hundred and ninety-one, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the Act approved August thirtieth, eighteen hundred and ninety, providing for the importation of animals into



the United States, and for other purposes; and the provisions of the Act of May ninth, nineteen hundred and two, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the Act approved February second, nineteen hundred and three, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the Act approved March third, nineteen hundred and five, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes; and for carrying out the provisions of the Act of June twenty-ninth, nineteen hundred and six, entitled "An Act to prevent cruelty to animals while in transit by railroad or other means of transportation;" and for carrying out the provisions of the Act approved March fourth, nineteen hundred and thirteen, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the twenty-eight-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the alteration of buildings thereon; the inspection work relative to the existence of contagious diseases, and the tuberculin and mallein testing of animals, \$532,780;

For all necessary expenses for the eradication of southern cattle ticks, \$632,400, of which sum \$50,000 may be used for live stock and dairy demonstration work, in cooperation with the States Relations Service, in areas freed of ticks, and of this amount no part shall be used in the purchase of animals for breeding purposes: *Provided, however,* That no part of this appropriation shall be used in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in

experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry.

For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated-butter factories and markets, \$277,470: *Provided*, That \$5,000 of this sum shall be used for investigations, experiments, and demonstrations in connection with the manufacture and marketing of cheese.

For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, \$208,320: *Provided*, That of the sum thus appropriated \$25,000 may be used for experiments in the breeding and maintenance of horses for military purposes: *Provided further*, That of the sum thus appropriated, \$37,000 may be used for experiments in poultry feeding and breeding, including the feeding and breeding of ostriches and investigations and experiments in the study of the ostrich industry;

For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, \$138,020: *Provided*, That of said sum \$50,000 may be used for researches concerning the cause, modes of spread, and methods of treatment and prevention of the disease of contagious abortion of animals;

For construction of buildings at bureau experiment station at Bethesda, Maryland, and bureau experiment farm at Beltsville, Maryland, \$23,600;

For investigating the disease of hog cholera, and for its control or eradication by such means as may be necessary, including demonstrations, the formation of organizations, and other methods, either independently or in cooperation with farmers, associations, State or county authorities, \$360,000: *Provided*, That of said sum \$175,000 shall be available for expenditures in carrying out the provisions of the Act approved March fourth, nineteen hundred and thirteen, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous product manufactured in the United States and the importation of such products intended for use in the treatment of domestic animals: *And provided further*, That of said sum \$35,000 shall be available for researches concerning the cause, modes of spread, and methods of treatment and prevention of this disease;

For all necessary expenses for the investigation, treatment, and eradication of dourine, \$75,000.

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, \$30,186;

In all, for general expenses, \$2,277,776.



**MEAT INSPECTION, BUREAU OF ANIMAL INDUSTRY:** For additional expenses in carrying out the provisions of the meat-inspection act of June thirtieth, nineteen hundred and six (Thirty-fourth Statutes at Large, page six hundred and seventy-four), there is hereby appropriated for the fiscal year ending June thirtieth, nineteen hundred and seventeen, the sum of \$344,500.

Total for Bureau of Animal Industry, \$3,020,746.

#### BUREAU OF PLANT INDUSTRY.

**SALARIES, BUREAU OF PLANT INDUSTRY:** One physiologist and pathologist, who shall be chief of bureau, \$5,000; one chief clerk, \$3,000; one executive assistant in seed distribution, \$2,500; one officer in charge of publications, \$2,250; one landscape gardener, \$1,800; one officer in charge of records, \$2,250; one superintendent of seed weighing and mailing, \$2,000; two executive clerks, at \$1,980 each; one assistant superintendent of seed warehouse, \$1,400; one seed inspector, \$1,000; one seed warehouseman, \$1,400; one seed warehouseman, \$1,020; one seed warehouseman, \$1,000; one seed warehouseman, \$840; six clerks, class four; twelve clerks, class three; three clerks, at \$1,500 each; twenty clerks, class two; forty-seven clerks, class one; one clerk or draftsman, \$1,200; one clerk, \$1,080; eight clerks, at \$1,020 each; twenty-three clerks, at \$1,000 each; forty-five clerks, at \$900 each; one clerk or draftsman, \$900; nineteen clerks, at \$840 each; two clerks, at \$720 each; one laborer, \$780; forty-one messengers or laborers, at \$720 each; eleven messengers, messenger boys, or laborers, at \$660 each; twenty-six messengers, messenger boys, or laborers, at \$600 each; one artist, \$1,620; one clerk or artist, \$1,400; two clerks or artists, at \$1,200 each; one photographer, \$1,200; one photographer, \$840; one laboratory aid, \$1,440; one laboratory aid, \$1,380; three laboratory aids or clerks, at \$1,200 each; one laboratory aid, clerk, or skilled laborer, \$1,080; two laboratory aids, clerks, or skilled laborers, at \$1,020 each; three laboratory aids, at \$960 each; one laboratory aid, \$900; five laboratory aids, at \$840 each; six laboratory aids, at \$720 each; one laboratory apprentice, \$720; one map tracer, \$600; two gardeners, at \$1,440 each; four gardeners, at \$1,200 each; eight gardeners, at \$1,100 each; fifteen gardeners, at \$900 each; nineteen gardeners, at \$780 each; one skilled laborer, \$960; two skilled laborers, at \$900 each; three skilled laborers, at \$840 each; one assistant in technology, \$1,400; one assistant in technology, \$1,380; one mechanic, \$1,080; one mechanical assistant, \$1,200; one blacksmith, \$900; one carpenter, \$900; one painter, \$900; one teamster, \$840; one teamster, \$600; twenty-one laborers, at \$540 each; twenty-four laborers, messengers, or messenger boys, at \$480 each; two laborers or charwomen, at \$480 each; two laborers or messenger boys, at \$420 each; twenty charwomen, at \$240 each; eleven messenger boys, at \$360 each; four messenger boys, at \$300 each; in all, \$418,240.

**GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY:** For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and

practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:

For investigations of plant diseases and pathological collections, \$38,500;

For the investigation of diseases of orchard and other fruits, \$63,615;

For conducting such investigations of the nature and means of communication of the disease of citrus trees known as citrus canker, and by applying such methods of eradication or control of the disease as in the judgment of the Secretary of Agriculture may be necessary, \$250,000; and the Secretary of Agriculture is authorized to pay such expense and employ such persons and means, in the city of Washington and elsewhere, and to cooperate with such authorities of the States concerned, organizations of growers, or individuals as he may deem necessary to accomplish such purposes: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of trees or other property injured or destroyed: *Provided further*, That the unexpended balance of the appropriation of \$300,000 for the emergency caused by the infectious nature and continued spread of the destructive disease of citrus trees known as citrus canker, made in the further urgent deficiency Act approved February twenty-eighth, nineteen hundred and sixteen, is hereby reappropriated and made available for the fiscal year nineteen hundred and seventeen;

For the investigation of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control and applying methods of eradication or control already discovered, \$87,175: *Provided*, That the unexpended balance of the appropriation of \$20,000 for the emergency caused by the infectious nature and continued spread of the destructive disease of pine trees known as the white-pine blister rust, by conducting such investigations of the nature and means of communication of the disease, and by applying such methods of eradication or control of the disease as in the judgment of the Secretary of Agriculture may be necessary, made in the further urgent deficiency Act approved February twenty-eighth, nineteen hundred and sixteen, is hereby reappropriated and made available for the same purposes for the fiscal year nineteen hundred and seventeen;

For the investigation of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants, \$59,000;

For investigating the physiology of crop plants and for testing and breeding varieties thereof, \$49,540;

For soil-bacteriology and plant-nutrition investigations, including the testing of samples, procured in the open market, of cultures for



inoculating legumes, and if any such samples are found to be impure, nonviable, or misbranded, the results of the tests may be published, together with the names of the manufacturers and of the persons by whom the cultures were offered for sale, \$42,000;

For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, \$35,200;

For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection, \$42,580;

For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations, \$53,820;

For crop technological and fiber plant investigations, including the study of plant-infesting nematodes, \$25,770;

For investigating the handling, grading, and transportation of grain, including the grain sorghums, and the fixing of definite grades thereof, \$88,770;

For biophysical investigations in connection with the various lines of work herein authorized, \$32,500;

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, and for carrying out the provisions of the Act approved August twenty-fourth, nineteen hundred and twelve, entitled "An Act to regulate foreign commerce by prohibiting the admission into the United States of certain adulterated grain and seeds unfit for seeding purposes" (Thirty-seventh Statutes at Large, page five hundred and six), \$31,700; and, hereafter, the provisions of said Act approved August twenty-fourth, nineteen hundred and twelve, shall be applied to seed of vetch and ryegrass; and, hereafter, when any kind or variety or mixture of the seeds subject to the provisions of said Act of August twenty-fourth, nineteen hundred and twelve, as hereby amended, shall contain less than sixty-five per centum of live pure seed as distinguished from dead seed, chaff, dirt, other seeds, or foreign matter, such seeds or mixtures thereof shall be deemed unfit for seeding purposes within the meaning of said Act approved August twenty-fourth, nineteen hundred and twelve, and the importation of such seed or mixture thereof is prohibited: *Provided, however,* That seed of Kentucky blue grass and seed of Canada blue grass shall not be considered unfit for seeding purposes when they contain fifty per centum or more of live pure seed;

For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom corn production, \$164,505: *Provided,* That \$40,000 shall be set aside for the study of corn improvement and methods of corn production: *Provided, also,*



That \$20,000 shall be set aside for the investigation of the diseases of wheat, oats, and barley known as black rust and stripe rust;

For the investigation and improvement of tobacco and the methods of tobacco production and handling, \$27,500;

For testing and breeding fibrous plants, including the testing of flax straw, in cooperation with the North Dakota Agricultural College, which may be used for paper making, \$10,840;

For the breeding and physiological study of alkali-resistant and drought-resistant crops, \$22,280;

For sugar-beet investigations, including studies of diseases and the improvement of the beet and beet seed, and methods of culture, and to determine for each sugar-beet area the agricultural operations required to insure a stable agriculture, \$51,495: *Provided*, That not less than \$10,000 of this sum shall be used for the development and improvement of American strains of sugar-beet seed and for the establishment of a permanent sugar-beet seed industry in the United States: *Provided, further*, That of this sum \$10,000 may be used for investigations in connection with the production of table sirup, including the breeding, culture, and diseases of cane, and the methods of manufacture, standardization, and marketing of sirup, and the utilization of cane by-products;

For investigations in economic and systematic botany and the improvement and utilization of wild plants and grazing lands, \$24,000;

For the investigation and improvement of methods of crop production under subhumid, semiarid, or dry-land conditions, \$160,000: *Provided*, That the limitation in this Act as to the cost of farm buildings shall not apply to this paragraph: *Provided, further*, That no part of this appropriation shall be used in the free distribution, or propagation for free distribution, except within the district now covered thereby, in accordance with Bulletin numbered two, issued by the superintendent of the Northern Great Forest Section, Mandan, North Dakota, October twelfth, nineteen hundred and fourteen, of cuttings, seedlings, or trees of willow, boxelder, ash, caragana, or other common varieties of fruit, ornamental, or shelter-belt trees in the Northern Great Plains area, except for experimental or demonstration purposes;

For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation Act, and other areas in the arid and semiarid regions, \$75,380;

For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, packing, storing, handling, and shipping, and for experimental shipments of fruits within the United States and to foreign countries, \$105,060;

To cultivate and care for the gardens and grounds of the Department of Agriculture in the city of Washington, including the keep and lighting of the grounds and the construction, surfacing, and repairing of roadways and walks; and to erect, manage, and maintain conservatories, greenhouses, and plant and fruit propagating houses on the grounds of the Department of Agriculture in the city of Washington, \$11,690;

For horticultural investigations, including the study of producing, handling, and shipping truck and related crops, including potatoes,

and the study of landscape and vegetable gardening, floriculture, and related subjects, \$56,080;

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April eighteenth, nineteen hundred, \$15,000: *Provided*, That the limitation in this Act as to the cost of farm buildings shall not apply to this paragraph;

For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country, \$70,400:

For the purchase, propagation, testing, and distribution of new and rare seeds; for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, including the investigation of the utilization of cacti and other dry-land plants; and to conduct investigations to determine the most effective methods of eradicating weeds, \$140,920: *Provided*, That of this amount not to exceed \$60,000 may be used for the purchase and distribution of such new and rare seeds;

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, \$31,020;

In all, for general expenses, \$1,866,340.

**PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS:** For purchase, propagation, testing, and congressional distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \$252,540. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants, shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective



districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: *Provided, however,* That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: *Provided, also,* That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the tenth day of January: *Provided, also,* That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the first day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress and who have not before during the same season been supplied by the department: *And provided, also,* That the Secretary shall report, as provided in this Act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants.

Total for Bureau of Plant Industry, \$2,537,120.

#### FOREST SERVICE.

**SALARIES, FOREST SERVICE:** One Forester, who shall be chief of bureau, \$5,000; one chief of office of accounts and fiscal agent, \$2,500; seven district fiscal agents, at \$2,000 each; one forest supervisor, \$2,800; one forest supervisor, \$2,700; eight forest supervisors, at \$2,400 each; twenty forest supervisors, at \$2,200 each; forty-eight forest supervisors, at \$2,000 each; sixty-six forest supervisors, at \$1,800 each; five forest supervisors, at \$1,600 each; one deputy forest supervisor, \$1,800; four deputy forest supervisors, at \$1,700 each; twenty-eight deputy forest supervisors, at \$1,600 each; thirty-one deputy forest supervisors, at \$1,500 each; eighteen deputy forest supervisors, at \$1,400 each; ten forest rangers, at \$1,500 each; twenty-two forest rangers, at \$1,400 each; seventy-eight forest rangers, at \$1,300 each; two hundred and eighty-seven forest rangers, at \$1,200 each; six hundred and fifty forest rangers, at \$1,100 each; eighty forest guards, at \$1,100 each, for periods not exceeding six months in the aggregate; one clerk, \$2,100; four clerks, at \$2,000 each; nineteen clerks, at \$1,800 each; twenty-one clerks, at \$1,600 each; nine clerks, at \$1,500 each; twenty-one clerks, at \$1,400 each; nine clerks, at \$1,300 each; one hundred and fourteen clerks, at \$1,200 each; eighty-nine clerks, at \$1,100 each; fifty-one clerks, at \$1,020 each; thirty



clerks, at \$960 each; one hundred and six clerks, at \$900 each; two clerks, at \$840 each; one clerk or proof reader, \$1,400; one clerk or translator, \$1,400; one compiler, \$1,800; one draftsman \$2,000; three draftsmen, at \$1,600 each; one clerk or compositor, \$1,600; one draftsman or surveyor, \$1,500; two draftsmen or surveyors, at \$1,400 each; two draftsmen, at \$1,500 each; six draftsmen, at \$1,400 each; four draftsmen, at \$1,300 each; eleven draftsmen, at \$1,200 each; two draftsmen, at \$1,100 each; three draftsmen, at \$1,020 each; one draftsman, \$1,000; one draftsman, \$960; eight draftsmen or map colorists, at \$900 each; one draftsman or artist, \$1,200; one draftsman or negative cutter, \$1,200; one artist, \$1,600; one artist, \$1,000; one photographer, \$1,600; one photographer, \$1,400; one photographer, \$1,200; one photographer, \$1,100; one lithographer, \$1,200; one lithographer's helper, \$780; one blue-printer, \$720; one machinist, \$1,260; two carpenters, at \$1,200 each; two carpenters, at \$1,000 each; one carpenter, \$960; one electrician, \$1,020; one laboratory aid and engineer, \$1,000; six laboratory aids and engineers, at \$900 each; two laboratory aids and engineers, at \$800 each; one laboratory helper, \$720; one laboratory helper, \$600; one packer, \$1,000; one packer, \$780; four watchmen, at \$840 each; one messenger or laborer, \$960; three messengers or laborers, at \$900 each; four messengers or laborers, at \$840 each; three messengers or laborers, at \$780 each; four messengers or laborers, at \$720 each; six messengers or laborers, at \$660 each; five messengers, messenger boys, or laborers, at \$600 each; two messengers, messenger boys, or laborers, at \$540 each; three messengers or messenger boys, at \$480 each; three messengers or messenger boys, at \$420 each; eleven messengers or messenger boys, at \$360 each; one charwoman, \$540; one charwoman, \$480; one charwoman, \$300; eleven charwomen, at \$240 each; in all, \$2,361,320.

**GENERAL EXPENSES, FOREST SERVICE:** To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed \$650; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State or Territory in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of

Washington, and for medical supplies and services and other assistance necessary for immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:

For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests named below:

Absaroka National Forest, Montana, \$7,425;  
 Alamo National Forest, New Mexico, \$4,222;  
 Angeles National Forest, California, \$9,510;  
 Apache National Forest, Arizona, \$9,279;  
 Arapahoe National Forest, Colorado, \$5,736;  
 Arkansas National Forest, Arkansas, \$11,930;  
 Ashley National Forest, Utah and Wyoming, \$3,865;  
 Battlement National Forest, Colorado, \$4,916;  
 Beartooth National Forest, Montana, \$5,060;  
 Beaverhead National Forest, Montana and Idaho, \$7,800;  
 Bighorn National Forest, Wyoming, \$5,399;  
 Bitterroot National Forest, Montana, \$12,919;  
 Blackfoot National Forest, Montana, \$12,369;  
 Black Hills National Forest, South Dakota, \$12,668;  
 Boise National Forest, Idaho, \$5,247;  
 Bridger National Forest, Wyoming, \$2,779;  
 Cabinet National Forest, Montana, \$8,333;  
 Cache National Forest, Utah and Idaho, \$4,749;  
 California National Forest, California, \$18,114;  
 Caribou National Forest, Idaho and Wyoming, \$4,300;  
 Carson National Forest, New Mexico, \$7,834;  
 Cascade National Forest, Oregon, \$7,835;  
 Challis National Forest, Idaho, \$3,668;  
 Chelan National Forest, Washington, \$6,260;  
 Chiricahua National Forest, Arizona and New Mexico, \$2,558;  
 Chugach National Forest, Alaska, \$9,418;  
 Clearwater National Forest, Idaho, \$12,665;  
 Cleveland National Forest, California, \$9,633;  
 Cochetopa National Forest, Colorado, \$5,931;  
 Coconino National Forest, Arizona, \$12,107;  
 Coeur d'Alene National Forest, Idaho, \$24,459;  
 Colorado National Forest, Colorado, \$5,929;  
 Columbia National Forest, Washington, \$8,758;  
 Colville National Forest, Washington, \$6,883;  
 Coronado National Forest, Arizona, \$6,486;  
 Crater National Forest, Oregon and California, \$14,893;  
 Crook National Forest, Arizona, \$3,735;  
 Custer National Forest, Montana, \$2,830;  
 Datil National Forest, New Mexico, \$13,229;  
 Deerlodge National Forest, Montana, \$15,040;  
 Deschutes National Forest, Oregon, \$8,259;  
 Dixie National Forest, Utah and Arizona, \$1,596;

Durango National Forest, Colorado, \$6,873;  
 Eldorado National Forest, California and Nevada, \$13,238;  
 Fillmore National Forest, Utah, \$3,374;  
 Fishlake National Forest, Utah, \$4,060;  
 Flathead National Forest, Montana, \$22,000;  
 Florida National Forest, Florida, \$4,927;  
 Fremont National Forest, Oregon, \$7,985;  
 Gallatin National Forest, Montana, \$4,810;  
 Gila National Forest, New Mexico, \$10,175;  
 Gunnison National Forest, Colorado, \$5,371;  
 Harney National Forest, South Dakota, \$7,435;  
 Hayden National Forest, Wyoming and Colorado, \$7,358;  
 Helena National Forest, Montana, \$4,012;  
 Holy Cross National Forest, Colorado, \$6,394;  
 Humboldt National Forest, Nevada, \$3,509;  
 Idaho National Forest, Idaho, \$7,450;  
 Inyo National Forest, California and Nevada, \$3,076;  
 Jefferson National Forest, Montana, \$8,469;  
 Kaibab National Forest, Arizona, \$4,288;  
 Kaniksu National Forest, Idaho and Washington, \$19,146;  
 Klamath National Forest, California, \$23,076;  
 Kootenai National Forest, Montana, \$16,861;  
 La Sal National Forest, Utah and Colorado, \$2,754;  
 Lassen National Forest, California, \$15,381;  
 Leadville National Forest, Colorado, \$5,524;  
 Lemhi National Forest, Idaho, \$2,490;  
 Lewis and Clark National Forest, Montana, \$5,700;  
 Lincoln National Forest, New Mexico, \$3,845;  
 Lolo National Forest, Montana, \$16,638;  
 Luquillo National Forest, Porto Rico, \$2,500;  
 Madison National Forest, Montana, \$3,930;  
 Malheur National Forest, Oregon, \$7,591;  
 Manti National Forest, Utah, \$4,890;  
 Manzano National Forest, New Mexico, \$4,230;  
 Medicine Bow National Forest, Wyoming, \$7,944;  
 Michigan National Forest, Michigan, \$3,081;  
 Minam National Forest, Oregon, \$6,476;  
 Minidoka National Forest, Idaho and Utah, \$3,384;  
 Minnesota National Forest, Minnesota, \$2,970;  
 Missoula National Forest, Montana, \$8,380;  
 Modoc National Forest, California, \$7,388;  
 Mono National Forest, Nevada and California, \$2,847;  
 Monterey National Forest, California, \$3,050;  
 Montezuma National Forest, Colorado, \$4,670;  
 Nebraska National Forest, Nebraska, \$2,365; and to extend the  
 work to the Niobrara division thereof, \$5,000: *Provided*, That from  
 the nurseries on said forest the Secretary of Agriculture, under such  
 rules and regulations as he may prescribe, may furnish young trees  
 free, so far as they may be spared, to residents of the territory cov-  
 ered by "An Act increasing the area of homesteads in a portion of  
 Nebraska," approved April twenty-eighth, nineteen hundred and  
 four, \$7,365;  
 Nevada National Forest, Nevada, \$3,244;  
 Nez Perce National Forest, Idaho, \$10,120;



Ochoco National Forest, Oregon, \$6,451;  
Okanogan National Forest, Washington, \$9,994;  
Olympic National Forest, Washington, \$16,598;  
Oregon National Forest, Oregon, \$12,560;  
Ozark National Forest, Arkansas, \$9,030;  
Palisade National Forest, Idaho and Wyoming, \$4,235;  
Payette National Forest, Idaho, \$10,537;  
Pend Oreille National Forest, Idaho, \$10,320;  
Pike National Forest, Colorado, \$10,165;  
Plumas National Forest, California, \$20,594;  
Powell National Forest, Utah, \$1,010;  
Prescott National Forest, Arizona, \$6,255;  
Rainier National Forest, Washington, \$12,035;  
Rio Grande National Forest, Colorado, \$7,157;  
Routt National Forest, Colorado, \$6,585;  
Ruby National Forest, Nevada, \$2,570;  
Saint Joe National Forest, Idaho, \$16,700;  
Salmon National Forest, Idaho, \$7,784;  
San Isabel National Forest, Colorado, \$3,924;  
San Juan National Forest, Colorado, \$5,534;  
Santa Barbara National Forest, California, \$9,774;  
Santa Fe National Forest, New Mexico, \$14,673;  
Santa Rosa National Forest, Nevada, \$1,643;  
Santiam National Forest, Oregon, \$9,052;  
Sawtooth National Forest, Idaho, \$4,953;  
Selway National Forest, Idaho, \$12,659;  
Sequoia National Forest, California, \$17,366;  
Sevier National Forest, Utah, \$1,496;  
Shasta National Forest, California, \$17,425;  
Shoshone National Forest, Wyoming, \$4,200;  
Sierra National Forest, California, \$15,750;  
Sioux National Forest, South Dakota and Montana, \$2,640;  
Siskiyou National Forest, Oregon and California, \$10,660;  
Sitgreaves National Forest, Arizona, \$6,941;  
Siuslaw National Forest, Oregon, \$6,042;  
Snoqualmie National Forest, Washington, \$14,416;  
Sopris National Forest, Colorado, \$7,911;  
Stanislaus National Forest, California, \$17,822;  
Superior National Forest, Minnesota, \$8,054;  
Tahoe National Forest, California and Nevada, \$17,537;  
Targhee National Forest, Idaho and Wyoming, \$5,956;  
Teton National Forest, Wyoming, \$4,033;  
Toiyabe National Forest, Nevada, \$3,694;  
Tongass National Forest, Alaska, \$13,724;  
Tonto National Forest, Arizona, \$4,525;  
Trinity National Forest, California, \$20,484;  
Tusayan National Forest, Arizona, \$9,541;  
Uinta National Forest, Utah, \$6,327;  
Umatilla National Forest, Oregon, \$5,162;  
Umpqua National Forest, Oregon, \$10,309;  
Uncompahgre National Forest, Colorado, \$6,690;  
Wallowa National Forest, Oregon, \$8,217;  
Wasatch National Forest, Utah, \$5,585;  
Washakie National Forest, Wyoming, \$11,725;

Washington National Forest, Washington, \$7,642;  
 Weiser National Forest, Idaho, \$9,708;  
 Wenaha National Forest, Washington and Oregon, \$5,420;  
 Wenatchee National Forest, Washington, \$10,384;  
 White River National Forest, Colorado, \$7,172;  
 Whitman National Forest, Oregon, \$9,667;  
 Wichita National Forest, Oklahoma, \$2,416;  
 Wyoming National Forest, Wyoming, \$4,739;

Additional national forests created or to be created under section eleven, of the Act of March first, nineteen hundred and eleven (Thirty-sixth Statute at Large, page nine hundred and sixty-three), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said Act, \$67,000;

For necessary miscellaneous expenses incident to the general administration of the Forest Service and of the national forests specified above:

In National Forest District One, \$64,100;  
 In National Forest District Two, \$48,400;  
 In National Forest District Three, \$55,200;  
 In National Forest District Four, \$50,400;  
 In National Forest District Five, \$70,100;  
 In National Forest District Six, \$61,400;  
 In National Forest District Seven, \$14,900;  
 In the District of Columbia, \$127,730;

In all, for the use, maintenance, improvement, protection, and general administration of the specified national forests, \$1,800,307: *Provided*, That the foregoing amounts appropriated for such purposes shall be available interchangeably in the discretion of the Secretary of Agriculture for the necessary expenditures for fire protection and other unforeseen exigencies: *Provided further*, That the amounts so interchanged shall not exceed in the aggregate ten per centum of all the amounts so appropriated;

For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests, \$100,000;

For the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the Act of June eleventh, nineteen hundred and six (Thirty-fourth Statutes, page two hundred and thirty-three), and the Act of March third, eighteen hundred and ninety-nine (Thirtieth Statutes, page ten hundred and ninety-five), as provided by the Act of March fourth, nineteen hundred and thirteen, \$85,000: *Provided*, That any unexpended balance of an appropriation of \$85,000 to be expended "for the survey and platting of certain lands, chiefly valuable for agriculture," and so forth, provided by the Act of March fourth, nineteen hundred and fifteen, entitled "An Act making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and sixteen," be, and the same is hereby, continued and made available for and during the fiscal year ending June thirtieth, nineteen hundred and seventeen, for the purpose of this appropriation;

For fighting and preventing forest fires and for other unforeseen emergencies, \$150,000;

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments, \$150,400;

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and the testing of such woods as may require test to ascertain if they be suitable for making paper, for investigations and tests within the United States of foreign woods of commercial importance to industries in the United States, and for other investigations and experiments to promote economy in the use of forest products, \$135,200;

For experiments and investigations of range conditions within national forests or elsewhere on the public range, and of methods for improving the range by reseeding, regulation of grazing, and other means, \$30,000;

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, \$165,640;

For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands, \$78,728;

For estimating and appraising timber and other resources on the national forests preliminary to disposal by sale or to the issue of occupancy permits, and for emergency expenses incident to their sale or use, \$60,000;

For other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, \$33,140;

For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$400,000: *Provided*, That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized in and by this appropriation: *And provided also*, That no part of this appropriation shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public;

In all, for general expenses, \$3,188,415.

That in order to carry out the purposes mentioned in section three of the Act of March first, nineteen hundred and eleven, entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers" (Thirty-sixth Statutes at Large, page nine hundred and sixty-one), as amended, there is hereby appropriated



out of any money in the Treasury not otherwise appropriated, available until expended, the sum of \$1,000,000 for the fiscal year ending on the thirtieth day of June, nineteen hundred and seventeen, and \$2,000,000 for the fiscal year ending on the thirtieth day of June nineteen hundred and eighteen.

To enable the Secretary of Agriculture more effectively to carry out the provisions of the Act of March first, nineteen hundred and eleven (Thirty-sixth Statutes, page nine hundred and sixty-one), entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$15,000 of the moneys appropriated therein shall be available for the employment of agents, clerks, assistants, and other labor and for the purchase of supplies and equipment required for the purpose of said Act in the city of Washington.

That hereafter deposits may be received from timber purchasers in such sums as the Secretary of Agriculture may require to cover the cost to the United States of disposing of brush and other débris resulting from cutting operations in sales of national forest timber; such deposits shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, to pay the cost of such work and to make refunds to the depositors of amounts deposited by them in excess of such cost.

Total for Forest Service, \$8,549,735.

The Secretary of Agriculture is authorized, under general regulations to be prescribed by him, to permit the prospecting, development, and utilization of the mineral resources of the lands acquired under the Act of March first, nineteen hundred and eleven (Thirty-sixth Statutes, page nine hundred and sixty-one), known as the Weeks law, upon such terms and for specified periods or otherwise, as he may deem to be for the best interests of the United States; and all moneys received on account of charges, if any, made under this Act shall be disposed of as is provided by existing law for the disposition of receipts from national forests.

#### BUREAU OF CHEMISTRY.

**SALARIES, BUREAU OF CHEMISTRY:** One Chemist, who shall be chief of bureau, \$5,000; one chief clerk, \$2,500; three executive clerks, at \$2,000 each; eight clerks, class four; eleven clerks, class three; one clerk, \$1,440; twelve clerks, class two; one clerk, \$1,300; twenty-three clerks, class one; twelve clerks, at \$1,020 each; thirteen clerks, at \$1,000 each; one clerk \$960; thirty-four clerks, at \$900 each; one clerk, \$840; one clerk, \$720; one food and drug inspector, \$2,500; two food and drug inspectors, at \$2,250 each; twelve food and drug inspectors, at \$2,000 each; thirteen food and drug inspectors, at \$1,800 each; one food and drug inspector, \$1,620; eleven food and drug inspectors, at \$1,600 each; six food and drug inspectors, at \$1,400 each; one assistant, \$1,600; four laboratory helpers, at \$1,200 each; one laboratory helper, \$1,020; four laboratory helpers, at \$1,000 each; four laboratory helpers, at \$960 each; three laboratory helpers, at \$900 each; six laboratory helpers, at \$840 each; two

laboratory helpers, at \$780 each; twenty-one laboratory helpers, messenger boys, or laborers, at \$720 each; two laboratory helpers, messenger boys, or laborers, at \$660 each; twenty-eight laboratory helpers, messenger boys, or laborers, at \$600 each; one laboratory assistant, \$1,200; one toolmaker, \$1,200; one sampler, \$1,200; one janitor, \$1,020; one mechanic, \$1,400; one mechanic, \$1,200; one mechanic, \$1,020; one mechanic, \$960; one mechanic, \$900; two student assistants, at \$300 each; two messengers, at \$840 each; one skilled laborer, \$1,050; one skilled laborer, \$840; two messenger boys or laborers, at \$540 each; eleven messenger boys or laborers, at \$480 each; three messenger boys or laborers, at \$420 each; two messenger boys or laborers, at \$360 each; nine charwomen, at \$240 each; in all, \$315,590.

GENERAL EXPENSES, BUREAU OF CHEMISTRY: For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collecting, reporting, and illustrating the results of such investigations; and for rent outside of the District of Columbia, for carrying out the investigations and work herein authorized, as follows:

For conducting the investigations contemplated by the Act of May fifteenth, eighteen hundred and sixty-two, relating to the application of chemistry to agriculture, \$42,400;

For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, \$14,000;

For investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein; and for all necessary expenses in connection with such inspection and studies of methods of analysis in foreign countries, \$4,280;

For investigating the preparation for market, handling, grading, packing, freezing, drying, storing, transportation, and preservation of poultry and eggs, and for experimental shipments of poultry and eggs within the United States, in cooperation with the Office of Markets and Rural Organization and the Bureau of Animal Industry, \$40,000;

For investigating the handling, grading, packing, canning, freezing, storing, and transportation of fish, and for experimental shipments of fish, for the utilization of waste products, and the development of new sources of food, \$14,000;

For investigating the packing, handling, storing, and shipping of oysters and other shellfish in the United States and the waters bordering on the United States, \$5,000;

For the biological investigation of food and drug products and substances used in the manufacture thereof, including investigations

of the physiological effects of such products on the human organism, \$10,000;

For the study and improvement of methods of utilizing by-products of citrus fruits, \$8,080;

For investigation and experiment in the utilization, for coloring purposes, of raw materials grown or produced in the United States, \$50,000;

For the purchase and equipment of a traveling laboratory, \$7,500;

For enabling the Secretary of Agriculture to carry into effect the provisions of the Act of June thirtieth, nineteen hundred and six, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electrical current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia; and to cooperate with associations and scientific societies in the revision of the United States Pharmacopoeia and development of methods of analysis, \$632,951;

For investigating the grading, weighing, handling and transportation of naval stores, the preparation of definite type samples thereof, and for the demonstration of improved methods or processes of preparing naval stores, in cooperation with individuals and companies, including the employment of necessary persons and means in the city of Washington and elsewhere, \$10,000;

In all, for general expenses, \$838,211.

Total for Bureau of Chemistry, \$1,153,801.

#### BUREAU OF SOILS.

**SALARIES, BUREAU OF SOILS:** One soil physicist, who shall be chief of bureau, \$4,000; one chief clerk, \$2,000; one executive assistant, \$2,000; four clerks, class four; two clerks, class three; five clerks, class two; one clerk, \$1,260; eight clerks, class one; five clerks, at \$1,000 each; five clerks, at \$900 each; one soil cartographer, \$1,800; one chief draftsman, \$1,600; one soil bibliographer or draftsman, \$1,400; one photographer, \$1,200; five draftsmen, at \$1,200 each; one clerk-draftsman, \$1,200; two draftsmen, at \$1,000 each; one laboratory helper, \$1,000; two laboratory helpers, at \$840 each; one instrument maker, \$1,200; one machinist's helper, \$900; one messenger, \$840; three messengers, messenger boys, or laborers, at \$480 each; two laborers, at \$600 each; one laborer, \$300; one charwoman or laborer, \$480; in all, \$70,000.

**GENERAL EXPENSES, BUREAU OF SOILS:** For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and



telephone service, express and freight charges, rent outside of the District of Columbia, and for all other necessary supplies and expenses, as follows:

For chemical investigations of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, \$20,610;

For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aerations, heat conductivity, texture, and other physical investigations of the various soil classes and soil types, \$12,225;

For exploration and investigation within the United States to determine possible sources of supply of potash, nitrates, and other natural fertilizers, \$35,600;

For the investigation and demonstration within the United States to determine the best method of obtaining potash on a commercial scale, including the establishment and equipment of such plant or plants as may be necessary therefor, \$175,000: *Provided*, That the product obtained from such experimentation may be sold at the market price of such product, and the amount obtained from the sale thereof shall be covered into the Treasury as miscellaneous receipts;

For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, \$168,200;

For the examination and classification of agricultural lands in forest reserves, in cooperation with the Forest Service, \$18,100;

For general administrative expenses connected with the above-mentioned lines of investigation, \$4,000;

In all, for general expenses, \$433,735.

Total for Bureau of Soils, \$503,735.

#### BUREAU OF ENTOMOLOGY.

**SALARIES, BUREAU OF ENTOMOLOGY:** One entomologist, who shall be chief of bureau, \$4,500; one chief clerk and executive assistant, \$2,250; one administrative assistant, \$2,250; one financial clerk, \$1,800; three clerks, class four; three clerks, class three; nine clerks, class two; nine clerks, class one; ten clerks, at \$1,000 each; four clerks, at \$900 each; five clerks, at \$840 each; two entomological draftsmen, at \$1,400 each; one entomological draftsman, \$1,080; four foremen, at \$1,080 each; one entomological preparator, \$1,000; four entomological preparators, at \$840 each; eight entomological preparators, at \$720 each; seven entomological preparators, at \$600 each; two messengers or laborers, at \$900 each; two messengers or laborers, at \$840 each; three messengers or laborers, at \$720 each; one messenger boy, \$480; five messenger boys, at \$360 each; one mechanic, \$1,080; one mechanic, \$900; one mechanic, \$840; one laborer, \$600; one laborer, \$540; one laborer, \$480; one laborer, \$420; three charwomen, at \$480 each; one charwoman, \$240; in all, \$99,180.

**GENERAL EXPENSES, BUREAU OF ENTOMOLOGY:** For the promotion of economic entomology; for investigating the history and the habits

of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts, \$60,780;

For investigations of insects affecting cereal and forage crops, including a special investigation of the Hessian fly and the chinch bug, \$114,660;

For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant, \$64,400;

For investigations of insects affecting forests, \$50,770;

For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products, \$42,760;

For investigations and demonstrations in bee culture, \$20,000;

For investigations of insects affecting tropical and subtropical fruits, including insects affecting the orange, lemon, grapefruit, mango, and so forth, \$17,100;

For investigations and control, in cooperation with the Federal Horticultural Board, of the Mediterranean and other fruit flies, \$33,200;

For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects, \$57,980;

For general administrative expenses connected with above lines of investigation, and for miscellaneous expenses incident thereto, \$3,000;

In all, for general expenses, \$464,650.

PREVENTING SPREAD OF MOTHS, BUREAU OF ENTOMOLOGY: To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gipsy and brown tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and for medical supplies and services and other assistance necessary for the immediate relief of foremen, scouts and laborers, and other employees injured while engaged in hazardous work under this item of appropriation, and all other necessary expenses, \$305,050.

Total for Bureau of Entomology, \$868,880.



## BUREAU OF BIOLOGICAL SURVEY.

**SALARIES, BUREAU OF BIOLOGICAL SURVEY:** One biologist, who shall be chief of bureau, \$3,500; one chief clerk and executive assistant, \$1,800; one administrative assistant, \$2,250; one financial clerk, \$1,600; three clerks, class three; five clerks, class two; one clerk, \$1,260; five clerks, class one; one clerk, \$1,080; three clerks, at \$1,000 each; two clerks, at \$900 each; one clerk, \$840; one clerk, \$720; one preparator, \$1,200; one preparator, \$900; one messenger, \$720; one photographer, \$1,300; one game warden; \$1,200; one draftsman, \$900; two messengers, messenger boys, or laborers, at \$480 each; one messenger boy, \$360; one laborer, \$600; one charwoman, \$240; in all, \$44,030.

**GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY:** For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling, and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:

For the enforcement of sections two hundred and forty-one, two hundred and forty-two, two hundred and forty-three, and two hundred and forty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section one of the Act approved May twenty-fifth, nineteen hundred, entitled "An Act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," including all necessary investigations in connection therewith, \$14,600;

For the maintenance of the Montana National Bison Range and other reservations and for the maintenance of game introduced into suitable localities on public lands, under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section eighty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," \$25,000, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations;

For the improvement of the game preserve in Sullys Hill National Park, in the State of North Dakota, including the construction of all fences, sheds, buildings, corrals, roads, and other structures which may be necessary, in addition to the amount heretofore appropriated, \$5,000, the same to be available until expended;

For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying wolves, coyotes, prairie dogs, and other animals injurious to agriculture and animal husbandry, and for investigations and experiments in connection with rearing of fur-bearing animals, including mink and marten, \$400,540: *Provided*, That of this sum \$15,000 shall be used for the destruction of ground squirrels on the national forests, and other public lands: *Provided further*, That of this sum not more than



\$5,000 may be used in investigating the disease of wild ducks in the Salt Lake Valley region of Utah: *And provided also*, That of this sum not less than \$125,000 shall be used on the national forests and the public domain in destroying wolves, coyotes, and other animals injurious to agriculture and animal husbandry: *And provided further*, That of this sum not more than \$125,000 shall be used on the public lands, national forests, and elsewhere in the Western and Northwestern States for the protection of stock and other domestic animals through the suppression of rabies by the destruction of wolves, coyotes, and other predatory wild animals;

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life zones, \$26,500;

For all necessary expenses for enforcing the provisions of the Act approved March fourth, nineteen hundred and thirteen (Thirty-seventh Statutes at Large, pages eight hundred and forty-seven and eight hundred and forty-eight), relating to the protection of migratory game and insectivorous birds, and for cooperation with local authorities in the protection of migratory birds, and for necessary investigations connected therewith, \$50,000;

For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, \$12,560;

In all, for general expenses, \$534,200.

Total for Bureau of Biological Survey, \$578,230.

#### DIVISION OF ACCOUNTS AND DISBURSEMENTS.

**SALARIES, DIVISION OF ACCOUNTS AND DISBURSEMENTS:** One chief of division and disbursing clerk, \$4,000; one supervising auditor, \$2,250; one cashier and chief clerk, \$2,250; one deputy disbursing clerk, \$2,000; one accountant and bookkeeper, \$2,000; two clerks, class four; four clerks, class three; five clerks, class two; five clerks, class one; four clerks, at \$1,000 each; three clerks, at \$900 each; one custodian of records and files, \$1,400; one messenger, \$720; one messenger or messenger boy, \$600.

Total for Division of Accounts and Disbursements, \$44,920.

#### DIVISION OF PUBLICATIONS.

**SALARIES, DIVISION OF PUBLICATIONS:** One Editor, who shall be chief of division, \$3,500; one editor, who shall be assistant chief of division, \$2,500; one chief clerk, \$2,000; two assistant editors, at \$2,000 each; four assistant editors, at \$1,800 each; one assistant editor, \$1,600; one assistant editor, \$1,400; one assistant editor in charge of indexing, \$2,000; one indexer, \$1,400; one assistant in charge of illustrations, \$2,100; two draftsmen or photographers, at \$1,600 each; two draftsmen or photographers, at \$1,500 each; two draftsmen or photographers, at \$1,400 each; one draftsman or photographer, \$1,300; seven draftsmen or photographers, at \$1,200 each; one assistant photographer, \$900; one assistant in charge of document section, \$2,000; one assistant in document section, \$1,800; one foreman, miscellaneous distribution, \$1,500; one forewoman, \$1,400; one clerk, class

three; one clerk, class two; nine clerks, class one; sixteen clerks, at \$1,000 each; forty clerks, at \$900 each; eighteen clerks, at \$840 each; two skilled laborers, at \$900 each; eight skilled laborers, at \$840 each; four skilled laborers, at \$780 each; one chief folder, \$1,200; sixteen skilled laborers, at \$720 each; one folder, \$1,000; two folders, at \$900 each; two skilled laborers, at \$1,100 each; one skilled laborer, \$1,000; two messengers, at \$840 each; two messengers, at \$720 each; three messengers or messenger boys, at \$600 each; two messengers or messenger boys, at \$480 each; two messengers or messenger boys, at \$420 each; two messengers or messenger boys, at \$360 each; one laborer, \$840; two laborers, at \$600 each; four charwomen, at \$480 each; three charwomen, at \$240 each; in all, \$177,400.

GENERAL EXPENSES, DIVISION OF PUBLICATIONS: For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

For labor-saving machinery, including necessary supplies, \$3,000;

For envelopes, stationery, and materials, \$6,500;

For office furniture and fixtures, \$1,000;

For photographic equipment and for photographic materials and artists' tools and supplies, \$6,000;

For telephone and telegraph service and freight and express charges, \$250;

For wagons, bicycles, horses, harness, and maintenance of the same, \$500;

For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, \$3,000;

In all, for general expenses, \$20,250;

Total for Division of Publications, \$197,650.

#### BUREAU OF CROP ESTIMATES.

SALARIES, BUREAU OF CROP ESTIMATES: One statistician, who shall be chief of bureau, \$4,000; one chief clerk, \$1,800; six clerks, class four; nine clerks, class three; fifteen clerks, class two; one clerk, \$1,300; nineteen clerks, class one; nineteen clerks, at \$1,000 each; twenty-four clerks, at \$900 each; two messengers, at \$840 each; two messengers or laborers, at \$720 each; two messengers, messenger boys, or laborers, at \$660 each; one messenger, messenger boy, or laborer, \$480; one charwoman, messenger, or laborer, \$540; two charwomen, messenger boys, or laborers, at \$360 each; in all, \$122,880.

GENERAL EXPENSES, BUREAU OF CROP ESTIMATES: For all necessary expenses for collecting, compiling, abstracting, analyzing, summarizing, and interpreting data relating to agriculture; for making and publishing periodically crop and live stock estimates, including acreage, yield, and value of farm products, as follows:

Salaries and employment of labor in the city of Washington and elsewhere, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses, \$24,700;

Salaries, travel, and other necessary expenses of employees out of the city of Washington engaged in field investigations, \$168,856;

In all, for general expenses, \$193,556.

Total for Bureau of Crop Estimates, \$316,436.

## LIBRARY, DEPARTMENT OF AGRICULTURE.

**SALARIES, LIBRARY, DEPARTMENT OF AGRICULTURE:** One Librarian, \$2,000; one clerk, class three; one clerk, class two; five clerks, class one; three clerks, at \$1,080 each; three clerks, at \$1,020 each; three clerks, at \$1,000 each; six clerks, at \$900 each; one clerk, \$840; one junior library assistant, messenger, or messenger boy, \$720; one junior library assistant or messenger boy, \$660; three junior library assistants, or messenger boys, at \$600 each; one messenger, messenger boy, or laborer, \$480; one messenger, messenger boy, or laborer, \$360; two charwomen, at \$480 each; in all, \$31,520.

**GENERAL EXPENSES, LIBRARY:** For books of reference, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and for all other necessary expenses, \$18,000.

Total for library, \$49,520.

## MISCELLANEOUS EXPENSES.

**MISCELLANEOUS EXPENSES, DEPARTMENT OF AGRICULTURE:** For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, \$122,500.

## RENT IN THE DISTRICT OF COLUMBIA.

**RENT OF BUILDINGS, DEPARTMENT OF AGRICULTURE:** For rent of buildings and parts of buildings in the District of Columbia, for use of the various bureaus, divisions, and offices of the Department of Agriculture, \$123,689: *Provided*, That the Secretary of Agriculture shall submit annually to Congress in his estimates of appropriations a statement showing what proportion of this appropriation is paid for the quarters occupied by the various branches of the department.

## STATES RELATIONS SERVICE.

**SALARIES, STATES RELATIONS SERVICE:** One director, \$4,500; one chief clerk, \$2,000; one financial clerk, \$2,000; one clerk or proof reader, \$1,800; three clerks, class four; three clerks, class three; one clerk, \$1,500; nine clerks, class two; twenty-two clerks, class one; twenty-one clerks, at \$1,000 each; twenty-four clerks, at \$900 each; seven clerks, at \$840 each; five clerks, at \$720 each; one library



cataloguer, \$900; one clerk or photographer, \$720; three messengers, messenger boys, or laborers, at \$600 each; ten messengers, messenger boys, or laborers, at \$480 each; one messenger, messenger boy, or laborer, \$360; three messengers, messenger boys, or laborers, at \$300 each; one skilled laborer, \$900; four laborers or charwomen, at \$480 each; nine laborers or charwomen, at \$240 each; in all, \$127,540.

GENERAL EXPENSES, STATES RELATIONS SERVICE: To carry into effect the provisions of an Act approved March second, eighteen hundred and eighty-seven, entitled "An Act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an Act approved July second, eighteen hundred and sixty-two, and of the Acts supplementary thereto," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000;

To carry into effect the provisions of an Act approved March sixteenth, nineteen hundred and six, entitled "An Act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000: *Provided*, That not to exceed \$15,000 shall be paid to each State and Territory under this Act;

To enable the Secretary of Agriculture to enforce the provisions of the above Acts and the Act approved May eighth, nineteen hundred and fourteen, entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July second, eighteen hundred and sixty-two, and of Acts supplementary thereto, and the United States Department of Agriculture," relative to their administration, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, \$58,500; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above Acts, ascertain whether the expenditures are in accordance with their provisions, coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said Acts, and make report thereon to Congress;

For farmers' cooperative demonstration work outside of the cotton belt, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$478,240;

For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$661,300: *Provided*, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State;

To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$20,600;

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, \$143,000, as follows: Alaska, \$48,000; Hawaii, \$40,000; Porto Rico, \$40,000; and Guam, \$15,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam: *Provided*, That of the sum herein appropriated for the experiment station in Hawaii \$5,000 may be used in agricultural extension work in Hawaii;

To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$24,220;

For general administrative expenses connected with the lines of work of the States Relations Service, including the offices of the director, the chief clerk, the officers in charge of publications, library, accounts, records, supplies, and property, and for miscellaneous expenses incident thereto, \$16,280;

In all, for general expenses, \$2,842,140.

Total for States Relations Service, \$2,969,680.

#### OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING.

##### SALARIES, OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING:

One director, who shall be a scientist and have charge of all scientific and technical work, \$4,500; one draftsman or clerk, \$1,920; one chief clerk, \$1,900; one model maker, \$1,800; two clerks, class four; five clerks, class three; one clerk or editorial clerk, \$1,600; one clerk, \$1,500; one clerk or photographer, \$1,440; one clerk or instrument maker, \$1,440; one clerk or tabulator, \$1,440; one clerk, class two; one clerk, \$1,380; two clerks, at \$1,320 each; four clerks, at \$1,260 each; six clerks, class one; one clerk or editorial clerk, \$1,200; one draftsman, \$1,320; one clerk or draftsman, \$1,200; one clerk or draftsman, \$900; one clerk or photographer, \$1,200; one clerk or photographer, \$1,000; two clerks, at \$1,140 each; two clerks, at \$1,080 each; one clerk, \$1,020; seven clerks, at \$1,000 each; one clerk or skilled laborer, \$1,000; three clerks, at \$900



each; one mechanician, \$1,680; one clerk or instrument maker, \$1,200; one lantern slide colorist, \$1,320; one mechanic, \$1,200; one carpenter, \$1,200; one messenger, laborer, or laboratory helper, \$840; one messenger or laborer, \$840; two messengers, laborers, or laboratory helpers, at \$720 each; two messengers or laborers, at \$660 each; five messengers, laborers, or messenger boys, at \$600 each; seven laborers, messenger boys, or charwomen, at \$480 each; five charwomen, at \$240 each; in all, \$88,380.

GENERAL EXPENSES, OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING: For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: *Provided*, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:

For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject, \$39,540;

For investigations of the best methods of road making, especially ordinary sand-clay and dirt roads, and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance, \$142,780;

For investigations of the chemical and physical character of road materials, \$37,780;

For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations; for investigating and developing equipment intended for the preparation and application of bituminous and other binders; for the purchase of materials and equipment; for the employment of assistants and labor; for the erection of buildings; such experimental work to be confined as nearly as possible to one point during the fiscal year, \$60,000;

For investigating and reporting upon the utilization of water in farm irrigation, including the best methods to apply in practice; the different kinds of power and appliances, and the development of equipment for farm irrigation; the flow of water in ditches, pipes, and other conduits; the duty, apportionment, and measurement of irrigation water; the customs, regulations, and laws affecting irrigation; for the purchase and installation of equipment for experimental purposes; for the giving of expert advice and assistance; for the preparation and illustration of reports and bulletins on irrigation; for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia; and for supplies and all necessary expenses, \$103,400;

For investigating and reporting upon farm drainage and upon the drainage of swamp and other wet lands which may be made available for agricultural purposes; for preparing plans for the removal of surplus water by drainage, and for giving expert assistance by advice or otherwise in the drainage of such lands; for conducting field experiments and investigations concerning the construction and maintenance of farm drainage work; for investigating and develop-



ing equipment intended for the construction and maintenance of farm drainage structures; for the purchase of materials and equipment; and for preparing and illustrating reports and bulletins on drainage; and for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside the District of Columbia, and for supplies and all necessary expenses, \$94,720;

For investigating farm domestic water supply and drainage disposal, the construction of farm buildings, and other rural engineering problems involving mechanical principles, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$20,000;

For general administrative expenses connected with the above-mentioned lines of investigations and experiments, \$12,600:

In all, for general expenses, \$510,820.

Total for Office of Public Roads and Rural Engineering, \$599,200.

#### OFFICE OF MARKETS AND RURAL ORGANIZATION.

**SALARIES, OFFICE OF MARKETS AND RURAL ORGANIZATION:** One chief of office, \$4,500; one chief clerk, \$2,000; one administrative assistant, \$1,980; five clerks, class four; eight clerks, class three; fourteen clerks, class two; one clerk, \$1,380; one clerk, \$1,320; twenty clerks, class one; one clerk, \$1,140; ten clerks, at \$1,000 each; one clerk, \$1,080; ten clerks, at \$900 each; one clerk, \$840; two clerks, at \$720 each; one mechanical assistant, \$1,800; one mechanical assistant, \$1,380; three laboratory aids, at \$900 each; four laboratory aids, at \$720 each; two laboratory aids, at \$600 each; one photographer, \$1,400; one photographer, \$1,200; one telegraph operator, \$1,400; one telegraph operator, \$1,200; one map tracer, \$900; one map tracer, \$720; one map tracer, \$600; one map tracer, \$480; one laborer, \$720; one laborer, \$660; four messenger boys or laborers, at \$600 each; four messenger boys or laborers, at \$540 each; eight messenger boys or laborers, at \$480 each; one messenger boy, \$420; two charwomen, at \$480 each; one charwoman, \$300; two charwomen, at \$240 each; in all, \$129,880.

**GENERAL EXPENSES, OFFICE OF MARKETS AND RURAL ORGANIZATION:** For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows:

For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing and distributing of farm and nonmanufactured food products and the purchasing of farm supplies, independently and in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing and distributing of farm and food products, \$285,000;

For collecting and distributing, by telegraph, mail, and otherwise, timely information on the supply, commercial movement, disposition, and market prices of fruits and vegetables, \$136,600;

To enable the Secretary of Agriculture to gather from stockmen, live-stock associations, State live-stock and agricultural boards, common carriers, stockyards, commission firms, live-stock exchanges,

slaughtering and meat-packing companies, and others information relative to the number of different classes and grades of marketable live stock, especially cattle, hogs, and sheep in the principal live-stock feeding districts and growing sections; prices, receipts, and shipments of the different classes and grades of cattle, hogs, and sheep at live-stock market centers; prices of meats and meat food products and the amounts of such products in storage; to compile and publish such information at such frequent intervals as most effectively to guide producers, consumers, and distributors in the sale and purchase of live stock, meats, and other animal products; and to gather and publish any related information pertaining to marketing and distribution of live stock, meats, and animal by-products, the sum of \$65,000;

For investigating, demonstrating, and promoting the use of standards for the different grades, qualities, and conditions of cotton, and for investigating the ginning, grading, stapling, baling, marking, compressing, and tare of cotton, \$48,000: *Provided*, That of the sum thus appropriated \$28,620 may be used for testing the waste, tensile strength and bleaching qualities of the different grades and classes of cotton in order to determine their spinning value and for demonstrating the results of such tests;

To enable the Secretary of Agriculture to make studies of cooperation among farmers in the United States in matters of rural credits and of other forms of cooperation in rural communities; to diffuse among the people of the United States useful information growing out of these studies, in order to provide a basis for a broader utilization of results secured by the research, experimental, and demonstration work of the Department of Agriculture, agricultural colleges, and State experiment stations, \$32,860;

To enable the Secretary of Agriculture to cooperate with the several States in the employment of agents to acquire and diffuse useful information connected with the distribution and marketing of farm products through investigational, demonstrational, or extension methods, \$35,000;

For general administrative expenses in connection with the lines of investigation, experiment, and demonstration conducted in the Office of Markets and Rural Organization, \$19,500;

In all, for general expenses, \$621,960.

ENFORCEMENT OF THE UNITED STATES COTTON-FUTURES ACT: To enable the Secretary of Agriculture to carry into effect the provisions of the United States cotton-futures Act, including all expenses necessary for the purchase of equipment and supplies; for travel; for the employment of persons in the city of Washington and elsewhere; and for all other expenses, including rent outside of the District of Columbia, that may be necessary in executing the provisions of this Act, \$120,750.

Total for Office of Markets and Rural Organization, \$872,590.

#### . ENFORCEMENT OF THE INSECTICIDE ACT.

SALARIES, ENFORCEMENT OF THE INSECTICIDE ACT: One executive officer, \$2,750; one executive assistant, \$2,000; one clerk, class three; one clerk, class two; one clerk, class one; two clerks, at \$1,140 each; two clerks, at \$1,000 each; three insecticide and fungicide inspectors,



at \$1,600 each; two clerks and sample collectors, at \$1,000 each; one laboratory helper, \$840; one laboratory helper, \$720; one laboratory helper, \$600; one unskilled laborer, \$600; one unskilled laborer, \$480; one messenger boy, \$480; one messenger boy, \$360; one charwoman, \$480; in all, \$24,590.

GENERAL EXPENSES, ENFORCEMENT OF THE INSECTICIDE ACT: For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all necessary expenses, as follows:

To enable the Secretary of Agriculture to carry into effect the provisions of the Act of April twenty-sixth, nineteen hundred and ten, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," \$80,410.

Total for enforcement of the insecticide Act, \$105,000.

#### FEDERAL HORTICULTURAL BOARD.

SALARIES, FEDERAL HORTICULTURAL BOARD: One secretary of board, \$2,280; two clerks, at \$1,440 each; two clerks, class two; two clerks, at \$1,260 each; one clerk, \$1,080; one clerk, \$1,000; one messenger boy, \$480; one messenger boy, \$360; one charwoman, \$240; in all, \$13,640.

GENERAL EXPENSES, FEDERAL HORTICULTURAL BOARD: For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all other necessary expenses, as follows:

To enable the Secretary of Agriculture to carry into effect the provisions of the Act of August twentieth, nineteen hundred and twelve, as amended March fourth, nineteen hundred and thirteen, entitled "An Act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," \$61,360.

Total for Federal Horticultural Board, \$75,000.

And not to exceed ten per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than ten per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.

Total, Department of Agriculture, for routine and ordinary work, \$25,123,852.

#### MISCELLANEOUS.

DEMONSTRATIONS ON RECLAMATION PROJECTS: To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects;



and for the employment of persons and means necessary in the city of Washington and elsewhere, \$40,000.

**INTERNATIONAL FARM CONGRESS AND SOIL-PRODUCTS EXPOSITION:** To enable the Secretary of Agriculture to cooperate with and make an exhibit illustrative of the investigations, products, and processes relating to farming in the subhumid, arid, and semiarid regions of the United States at the International Soil-Products Exposition, to be held at El Paso, Texas, in conjunction with the International Farm Congress, during the fiscal year ending June thirtieth, nineteen hundred and seventeen, including labor and all expenses in the city of Washington and elsewhere, \$20,000.

The President is hereby authorized to extend invitations to other nations to appoint delegates or representatives to the International Farm Congress, to be held at El Paso, Texas, in connection with said International Soil-Products Exposition: *Provided*, That no appropriation shall be granted or used for the expenses of delegates.

To enable the Secretary of Agriculture to cooperate with and make an exhibit at the next annual meeting of the National Dairy Show Association to be held at Springfield, Massachusetts, during the fiscal year ending June thirtieth, nineteen hundred and seventeen, illustrative of the boys' and girls' club work and other features of the cooperative agricultural extension work carried on in the North Atlantic States, including labor and all expenses in the city of Washington and elsewhere, \$15,000.

The President is hereby authorized to extend invitations to other nations to appoint delegates or representatives to the International Irrigation Congress, to be held at El Paso, Texas, during the fiscal year ending June thirtieth, nineteen hundred and seventeen: *Provided*, That no appropriation shall be asked or used for the expenses of delegates.

**COOPERATIVE FIRE PROTECTION OF FORESTED WATERSHEDS OF NAVIGABLE STREAMS:** For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams under the provisions of section two of the Act of March first, nineteen hundred and eleven, entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers." \$100,000.

That the President of the United States is hereby authorized to designate such areas on any lands which have been, or which may hereafter be, purchased by the United States under the provisions of the Act of March first, nineteen hundred and eleven (Thirty-sixth Statutes at Large, page nine hundred and sixty-one), entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable streams," and Acts supplementary thereto and amendatory thereof, as should, in his opinion, be set aside for the protection of game animals, birds, or fish; and whoever shall hunt, catch, trap, willfully disturb or kill any kind of game animal, game or nongame bird, or fish, or take the eggs of any such bird on any lands so set aside, or in or on the waters thereof, except under such general rules and regu-

lations as the Secretary of Agriculture may from time to time prescribe, shall be fined not more than \$500 or imprisoned not more than six months, or both.

# PART A.

That this Part, to be known as the United States cotton futures Act, be, and hereby is, enacted to read and be effective hereafter as follows:

"That this Act shall be known by the short title of the 'United States cotton futures Act.'

"SEC. 2. That, for the purposes of this Act, the term 'contract of sale' shall be held to include sales, agreements of sale, and agreements to sell. That the word 'person,' wherever used in this Act, shall be construed to import the plural or singular, as the case demands, and shall include individuals, associations, partnerships, and corporations. When construing and enforcing the provisions of this Act, the act, omission, or failure of any official, agent, or other person acting for or employed by any association, partnership, or corporation within the scope of his employment or office, shall, in every case, also be deemed the act, omission, or failure of such association, partnership, or corporation as well as that of the person.

"SEC. 3. That upon each contract of sale of any cotton for future delivery made at, on, or in any exchange, board of trade, or similar institution or place of business, there is hereby levied a tax in the nature of an excise of 2 cents for each pound of the cotton involved in any such contract.

"SEC. 4. That each contract of sale of cotton for future delivery mentioned in section three of this Act shall be in writing plainly stating, or evidenced by written memorandum showing, the terms of such contract, including the quantity of the cotton involved and the names and addresses of the seller and buyer in such contract, and shall be signed by the party to be charged, or by his agent in his behalf. If the contract or memorandum specify in bales the quantity of the cotton involved, without giving the weight, each bale shall, for the purposes of this Act, be deemed to weigh five hundred pounds.

"SEC. 5. That no tax shall be levied under this Act on any contract of sale mentioned in section three hereof if the contract comply with each of the following conditions:

"First. Conform to the requirements of section four of, and the rules and regulations made pursuant to, this Act.

"Second. Specify the basis grade for the cotton involved in the contract, which shall be one of the grades for which standards are established by the Secretary of Agriculture, except grades prohibited from being delivered on a contract made under this section by the fifth subdivision of this section, the price per pound at which the cotton of such basis grade is contracted to be bought or sold, the date when the purchase or sale was made, and the month or months in which the contract is to be fulfilled or settled: *Provided*, That middling shall be deemed the basis grade incorporated into the contract if no other basis grade be specified either in the contract or in the memorandum evidencing the same.

"Third. Provide that the cotton dealt with therein or delivered thereunder shall be of or within the grades for which standards are



established by the Secretary of Agriculture except grades prohibited from being delivered on a contract made under this section by the fifth subdivision of this section and no other grade or grades.

"Fourth. Provide that in case cotton of grade other than the basis grade be tendered or delivered in settlement of such contract, the differences above or below the contract price which the receiver shall pay for such grades other than the basis grade shall be the actual commercial differences, determined as hereinafter provided.

"Fifth. Provide that cotton that, because of the presence of extraneous matter of any character or irregularities or defects, is reduced in value below that of Good Ordinary, or cotton that is below the grade of Good Ordinary, or, if tinged, cotton that is below the grade of Low Middling, or, if stained, cotton that is below the grade of Middling, the grades mentioned being of the official cotton standards of the United States, or cotton that is less than seven-eighths of an inch in length of staple, or cotton of perished staple or of immature staple, or cotton that is 'gin cut' or reginned, or cotton that is 'repacked' or 'false packed' or 'mixed packed' or 'water packed,' shall not be delivered on, under, or in settlement of such contract.

"Sixth. Provide that all tenders of cotton under such contract shall be the full number of bales involved therein, except that such variations of the number of bales may be permitted as is necessary to bring the total weight of the cotton tendered within the provisions of the contract as to weight; that, on the fifth business day prior to delivery, the person making the tender shall give to the person receiving the same written notice of the date of delivery, and that, on or prior to the date so fixed for delivery, and in advance of final settlement of the contract, the person making the tender shall furnish to the person receiving the same a written notice or certificate stating the grade of each individual bale to be delivered and, by means of marks or numbers, identifying each bale with its grade.

"Seventh. Provide that, in case a dispute arises between the person making the tender and the person receiving the same, as to the classification of any cotton tendered under the contract, either party may refer the question of the true classification of said cotton to the Secretary of Agriculture for determination, and that such dispute shall be referred and determined, and the costs thereof fixed, assessed, collected, and paid in such manner and in accordance with such rules and regulations as may be prescribed by the Secretary of Agriculture.

"The provisions of the third, fourth, fifth, sixth, and seventh subdivisions of this section shall be deemed fully incorporated into any such contract if there be written or printed thereon, or on the memorandum evidencing the same, at or prior to the time the same is signed, the phrase 'Subject to United States cotton futures Act, section five.'

"The Secretary of Agriculture is authorized to prescribe rules and regulations for carrying out the purposes of the seventh subdivision of this section, and his findings, upon any dispute referred to him under said seventh subdivision, made after the parties in interest have had an opportunity to be heard by him or such officer, officers, agent, or agents of the Department of Agriculture as he may designate, shall be accepted in the courts of the United States in all suits between such parties, or their privies, as prima facie evidence of the true classification of the cotton involved.



"SEC. 6. That for the purposes of section five of this Act the differences above or below the contract price which the receiver shall pay for cotton of grades above or below the basis grade in the settlement of a contract of sale for the future delivery of cotton shall be determined by the actual commercial differences in value thereof upon the sixth business day prior to the day fixed, in accordance with the sixth subdivision of section five, for the delivery of cotton on the contract, established by the sale of spot cotton in the market where the future transaction involved occurs and is consummated if such market be a bona fide spot market; and in the event there be no bona fide spot market at or in the place in which such future transaction occurs, then, and in that case, the said differences above or below the contract price which the receiver shall pay for cotton above or below the basis grade shall be determined by the average actual commercial differences in value thereof, upon the sixth business day prior to the day fixed, in accordance with the sixth subdivision of section five, for the delivery of cotton on the contract, in the spot markets of not less than five places designated for the purpose from time to time by the Secretary of Agriculture, as such values were established by the sales of spot cotton, in such designated five or more markets: *Provided*, That for the purposes of this section such values in the said spot markets be based upon the standards for grades of cotton established by the Secretary of Agriculture: *And provided further*, That whenever the value of one grade is to be determined from the sale or sales of spot cotton of another grade or grades, such value shall be fixed in accordance with rules and regulations which shall be prescribed for the purpose by the Secretary of Agriculture.

"SEC. 6A. That no tax shall be levied under this Act on any contract of sale mentioned in section three hereof if the contract provide that, in case cotton of grade or grades other than the basis grade specified in the contract shall be tendered in performance of the contract, the parties to such contract may agree, at the time of the tender, as to the price of the grade or grades so tendered, and that if they shall not then agree as to such price, then, and in that event, the buyer of said contract shall have the right to demand the specific fulfillment of such contract by the actual delivery of cotton of the basis grade named therein and at the price specified for such basis grade in said contract, and if the contract also comply with all the terms and conditions of section five hereof not inconsistent with this section: *Provided*, That nothing in this section shall be so construed as to relieve from the tax levied by section three of this Act any contract in which, or in the settlement of or in respect to which, any device or arrangement whatever is resorted to, or any agreement is made, for the determination or adjustment of the price of the grade or grades tendered other than the basis grade specified in the contract by any 'fixed difference' system, or by arbitration, or by any other method not provided for by this Act.

Contracts made in compliance with this section shall be known as 'Section six A Contracts.' The provisions of this section shall be deemed fully incorporated into any such contract if there be written, or printed thereon, or on the memorandum evidencing the same, at or prior to the time the same is signed, the phrase 'Subject to United States cotton futures Act, section six A.'

Section ten of this Act shall not be construed to apply to any contract of sale made in compliance with section six A hereof.

"SEC. 7. That for the purposes of this Act the only markets which shall be considered bona fide spot markets shall be those which the Secretary of Agriculture shall, from time to time, after investigation, determine and designate to be such, and of which he shall give public notice.

"SEC. 8. That in determining, pursuant to the provisions of this Act, what markets are bona fide spot markets, the Secretary of Agriculture is directed to consider only markets in which spot cotton is sold in such volume and under such conditions as customarily to reflect accurately the value of middling cotton and the differences between the prices or values of middling cotton and of other grades of cotton for which standards shall have been established by the Secretary of Agriculture: *Provided*, That if there be not sufficient places, in the markets of which are made bona fide sales of spot cotton of grades for which standards are established by the Secretary of Agriculture, to enable him to designate at least five spot markets in accordance with section six of this Act, he shall, from data as to spot sales collected by him, make rules and regulations for determining the actual commercial differences in the value of spot cotton of the grades established by him as reflected by bona fide sales of spot cotton, of the same or different grades, in the markets selected and designated by him, from time to time, for that purpose, and in that event, differences in value of cotton of various grades involved in contracts made pursuant to section five of this Act shall be determined in compliance with such rules and regulations.

"SEC. 9. That the Secretary of Agriculture is authorized, from time to time, to establish and promulgate standards of cotton by which its quality or value may be judged or determined, including its grade, length of staple, strength of staple, color, and such other qualities, properties, and conditions as may be standardized in practical form, which, for the purposes of this Act, shall be known as the 'Official cotton standards of the United States,' and to adopt, change, or replace the standard for any grade of cotton established under the Act making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and nine (Thirty-fifth Statutes at Large, page two hundred and fifty-one), and Acts supplementary thereto: *Provided*, That any standard of any cotton established and promulgated under this Act by the Secretary of Agriculture shall not be changed or replaced within a period less than one year from and after the date of the promulgation thereof by the Secretary of Agriculture: *Provided further*, That, subsequent to six months after the date section three of this Act becomes effective, no change or replacement of any standard of any cotton established and promulgated under this Act by the Secretary of Agriculture shall become effective until after one year's public notice thereof, which notice shall specify the date when the same is to become effective. The Secretary of Agriculture is authorized and directed to prepare practical forms of the official cotton standards which shall be established by him, and to furnish such practical forms from time to time, upon request, to any person, the cost thereof, as determined by the Secretary of Agriculture, to be paid by the person requesting the same, and to certify such practical forms under

the seal of the Department of Agriculture and under the signature of the said Secretary, thereto affixed by himself or by some official or employee of the Department of Agriculture thereunto duly authorized by the said Secretary.

"SEC. 10. That no tax shall be levied under this Act on any contract of sale mentioned in section three hereof, if the contract comply with each of the following conditions:

"First. Conform to the rules and regulations made pursuant to this Act.

"Second. Specify the grade, type, sample, or description of the cotton involved in the contract, the price per pound at which such cotton is contracted to be bought or sold, the date of the purchase or sale, and the time when shipment or delivery of such cotton is to be made.

"Third. Provide that cotton of or within the grade or of the type, or according to the sample or description, specified in the contract shall be delivered thereunder, and that no cotton which does not conform to the type, sample, or description, or which is not of or within the grade specified in the contract shall be tendered or delivered thereunder.

"Fourth. Provide that the delivery of cotton under the contract shall not be effected by means of 'set-off' or 'ring' settlement, but only by the actual transfer of the specified cotton mentioned in the contract.

"The provisions of the first, third, and fourth subdivisions of this section shall be deemed fully incorporated into any such contract if there be written or printed thereon, or on the document or memorandum evidencing the same, at or prior to the time the same is entered into, the words 'Subject to United States cotton futures Act, section ten.'

"This Act shall not be construed to impose a tax on any sale of spot cotton.

"This section shall not be construed to apply to any contract of sale made in compliance with section five of this Act.

"SEC. 11. That the tax imposed by section three of this Act shall be paid by the seller of the cotton involved in the contract of sale, by means of stamps which shall be affixed to such contracts, or to the memoranda evidencing the same, and canceled in compliance with rules and regulations which shall be prescribed by the Secretary of the Treasury.

"SEC. 12. That no contract of sale of cotton for future delivery mentioned in section three of this Act which does not conform to the requirements of section four hereof and has not the necessary stamps affixed thereto as required by section eleven hereof shall be enforceable in any court of the United States by, or on behalf of, any party to such contract or his privies.

"SEC. 13. That the Secretary of the Treasury is authorized to make and promulgate such rules and regulations as he may deem necessary to collect the tax imposed by this Act and otherwise to enforce its provisions. Further to effect this purpose, he shall require all persons coming within its provisions to keep such records and statements of account, and may require such persons to make such returns verified under oath or otherwise, as will fully and correctly disclose all transactions mentioned in section three of this Act, including the



making, execution, settlement, and fulfillment thereof; he may require all persons who act in the capacity of a clearing house, clearing association, or similar institution for the purpose of clearing, settling, or adjusting transactions mentioned in section three of this Act to keep such records and to make such returns as will fully and correctly disclose all facts in their possession relating to such transactions; and he may appoint agents to conduct the inspection necessary to collect said tax and otherwise to enforce this Act and all rules and regulations made by him in pursuance hereof, and may fix the compensation of such agents. The provisions of the internal-revenue laws of the United States, so far as applicable, including sections thirty-one hundred and seventy-three, thirty-one hundred and seventy-four, and thirty-one hundred and seventy-five of the Revised Statutes, as amended, are hereby extended, and made to apply, to this Act.

"SEC. 14. That any person liable to the payment of any tax imposed by this Act who fails to pay, or evades or attempts to evade the payment of such tax, and any person who otherwise violates any provision of this Act, or any rule or regulation made in pursuance hereof, shall be deemed guilty of a misdemeanor, and, upon conviction thereof, shall be fined not less than \$100 nor more than \$20,000, in the discretion of the court; and, in case of natural persons, may, in addition, be punished by imprisonment for not less than sixty days nor more than three years, in the discretion of the court.

"SEC. 15. That in addition to the foregoing punishment there is hereby imposed, on account of each violation of this Act, a penalty of \$2,000, to be recovered in an action founded on this Act in the name of the United States as plaintiff, and when so recovered one-half of said amount shall be paid over to the person giving the information upon which such recovery was based. It shall be the duty of United States attorneys, to whom satisfactory evidence of violations of this Act is furnished, to institute and prosecute actions for the recovery of the penalties prescribed by this section.

"SEC. 16. That no person whose evidence is deemed material by the officer prosecuting on behalf of the United States in any case brought under any provision of this Act shall withhold his testimony because of complicity by him in any violation of this Act or of any regulation made pursuant to this Act, but any such person called by such officer who testifies in such case shall be exempt from prosecution for any offense to which his testimony relates.

"SEC. 17. That the payment of any tax levied by this Act shall not exempt any person from any penalty or punishment now or hereafter provided by the laws of any State for entering into contracts of sale of cotton for future delivery, nor shall the payment of any tax imposed by this Act be held to prohibit any State or municipality from imposing a tax on the same transaction.

"SEC. 18. That there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, for the fiscal year ending June thirtieth, nineteen hundred and sixteen, the unexpended balance of the sum appropriated by the Act of March fourth, nineteen hundred and fifteen (Thirty-eighth Statutes at Large, page one thousand and seventeen), for 'collecting the cotton futures tax,' or so much thereof as may be necessary, to enable the Secretary of the Treasury to carry out the provisions of this Act and any duties remaining to be

performed by him under the United States cotton futures Act of August eighteenth, nineteen hundred and fourteen (Thirty-eight Statutes at Large, page six hundred and ninety-three).

"SEC. 19. That there are hereby appropriated out of any moneys in the Treasury not otherwise appropriated, available until expended, the unexpended balance of the sum of \$150,000 appropriated by section twenty of the said Act of August eighteenth, nineteen hundred and fourteen, and for the fiscal year ending June thirtieth, nineteen hundred and sixteen, the unexpended balance of the sum of \$75,000 appropriated for the 'Enforcement of the United States cotton futures Act' by the Act making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and sixteen (Thirty-eighth Statutes at Large, page one thousand and eighty-six), or so much of each of said unexpended balances as may be necessary, to be used by the Secretary of Agriculture for the same purposes, in carrying out the provisions of this Act, as those for which said sums, respectively, were originally appropriated, and to enable the Secretary of Agriculture to carry out any duties remaining to be performed by him under the said Act of August eighteenth, nineteen hundred and fourteen. The Secretary of Agriculture is hereby directed to publish from time to time the results of investigations made in pursuance of this Act. All sums collected by the Secretary of Agriculture as costs under section five, or for furnishing practical forms under section nine, of this Act, shall be deposited and covered into the Treasury as miscellaneous receipts.

"SEC. 20. That sections nine, eighteen, and nineteen of this Act and all provisions of this Act authorizing rules and regulations to be prescribed shall be effective immediately. All other sections of this Act shall become and be effective on and after the first day of the calendar month next succeeding the date of the passage of this Act: *Provided*, That nothing in this Act shall be construed to apply to any contract of sale of any cotton for future delivery mentioned in section three of this Act which shall have been made prior to the first day of the calendar month next succeeding the date of the passage of this Act.

"SEC. 21. That the Act entitled 'An Act to tax the privilege of dealing on exchanges, boards of trade, and similar places in contracts of sale of cotton for future delivery, and for other purposes,' approved August eighteenth, nineteen hundred and fourteen (Thirty-eighth Statutes at Large, page six hundred and ninety-three), is hereby repealed, effective on and after the first day of the calendar month next succeeding the date of the passage of this act: *Provided*, That nothing in this Act shall be construed to affect any right or privilege accrued, any penalty or liability incurred, or any proceeding commenced under said Act of August eighteenth, nineteen hundred and fourteen, or to diminish any authority conferred by said Act on any official of the United States necessary to enable him to carry out any duties remaining to be performed by him under the said Act, or to impair the effect of the findings of the Secretary of Agriculture upon any dispute referred to him under said Act, or to affect any right in respect to, or arising out of, any contract mentioned in section three of said Act, made on or subsequent to February eighteenth, nineteen hundred and fifteen, and prior to the first day of the calendar month next succeeding the date of the passage of

this Act, but so far as concerns any such contract said Act of August eighteenth, nineteen hundred and fourteen, shall remain in force with the same effect as if this Act had not been passed.

"SEC. 22. That if any clause, sentence, paragraph, or part of this Act shall for any reason be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair, or invalidate the remainder thereof, but shall be confined in its operation to the clause, sentence, paragraph, or part thereof directly involved in the controversy in which such judgment shall have been rendered."

## PART B.

That this Part, to be known as the United States grain standards Act, be and is hereby enacted, to read and be effective hereafter as follows:

"That this Act shall be known by the short title of the 'United States grain standards Act.' The word 'person,' wherever used in this Act, shall be construed to import the plural or singular, as the case demands, and shall include individuals, associations, partnerships, and corporations; the words 'in interstate or foreign commerce,' wherever used in this Act, mean, 'from any State, Territory, or District to or through any other State, Territory, or District, or to or through any foreign country, or within any Territory or District.' When construing and enforcing the provisions of this Act, the act, omission, or failure of any official, agent, or other person acting for or employed by any association, partnership, or corporation within the scope of his employment or office shall, in every case, also be deemed the act, omission, or failure of such association, partnership, or corporation as well as that of the person.

"SEC. 2. That the Secretary of Agriculture is hereby authorized to investigate the handling, grading, and transportation of grain and to fix and establish as soon as may be after the enactment hereof standards of quality and condition for corn (maize), wheat, rye, oats, barley, flaxseed, and such other grains as in his judgment the usages of the trade may warrant and permit, and the Secretary of Agriculture shall have power to alter or modify such standards whenever the necessities of the trade may require. In promulgating the standards, or any alteration or modification of such standards, the Secretary shall specify the date or dates when the same shall become effective, and shall give public notice, not less than ninety days in advance of such date or dates, by such means as he deems proper.

"SEC. 3. That the standards so fixed and established shall be known as the official grain standards of the United States.

"SEC. 4. That whenever standards shall have been fixed and established under this Act for any grain no person thereafter shall ship or deliver for shipment in interstate or foreign commerce any such grain which is sold, offered for sale, or consigned for sale by grade unless the grain shall have been inspected and graded by an inspector licensed under this Act and the grade by which it is sold, offered for sale, or consigned for sale be one of the grades fixed therefor in the official grain standards of the United States: *Provided*, That any person may sell, offer for sale, or consign for sale, ship or deliver for shipment in interstate or foreign commerce any such grain by sample or by type, or under any name, description, or designation which is



not false or misleading, and which name, description, or designation does not include in whole or in part the terms of any official grain standard of the United States: *Provided further*, That any such grain sold, offered for sale, or consigned for sale by grade may be shipped or delivered for shipment in interstate or foreign commerce without inspection at point of shipment by an inspector licensed under this Act, to or through any place at which an inspector licensed under this Act is located, subject to be inspected by a licensed inspector at the place to which shipped or at some convenient point through which shipped for inspection, which inspection shall be under such rules and regulations as the Secretary of Agriculture shall prescribe, and subject further to the right of appeal from such inspection, as provided in section six of this Act: *And provided further*, That any such grain sold, offered for sale, or consigned for sale by any of the grades fixed therefor in the official grain standards may, upon compliance with the rules and regulations prescribed by the Secretary of Agriculture, be shipped in interstate or foreign commerce without inspection from a place at which there is no inspector licensed under this Act to a place at which there is no such inspector, subject to the right of either party to the transaction to refer any dispute as to the grade of the grain to the Secretary of Agriculture, who may determine the true grade thereof. No person shall in any certificate or in any contract or agreement of sale or agreement to sell by grade, either oral or written, involving, or in any invoice or bill of lading or other shipping document relating to, the shipment or delivery for shipment, in interstate or foreign commerce, of any grain for which standards shall have been fixed and established under this Act, describe, or in any way refer to, any of such grain as being of any grade other than a grade fixed therefor in the official grain standards of the United States.

"SEC. 5. That no person, except as permitted in section four, shall represent that any grain shipped or delivered for shipment in interstate or foreign commerce is of a grade fixed in the official grain standards other than as shown by a certificate therefor issued in compliance with this Act; and the Secretary of Agriculture is authorized to cause examinations to be made of any grain for which standards shall have been fixed and established under this Act, and which has been certified to conform to any grade fixed therefor in such official grain standards, or which has been shipped or delivered for shipment in interstate or foreign commerce. Whenever, after opportunity for hearing is given to the owner or shipper of the grain involved, and to the inspector thereof if the same has been inspected, it is determined by the Secretary that any quantity of grain has been incorrectly certified to conform to a specified grade, or has been sold, offered for sale, or consigned for sale under any name, description, or designation which is false or misleading, he may publish his findings.

"SEC. 6. That whenever standards shall have been fixed and established under this Act for any grain and any quantity of such grain sold, offered for sale, or consigned for sale, or which has been shipped, or delivered for shipment in interstate or foreign commerce shall have been inspected and a dispute arises as to whether the grade as determined by such inspection of any such grain in fact conforms to the standard of the specified grade, any interested party may, either with or without reinspection, appeal the question to the Secretary of

Agriculture, and the Secretary of Agriculture is authorized to cause such investigation to be made and such tests to be applied as he may deem necessary and to determine the true grade: *Provided*, That any appeal from such inspection and grading to the Secretary of Agriculture shall be taken before the grain leaves the place where the inspection appealed from was made and before the identity of the grain has been lost, under such rules and regulations as the Secretary of Agriculture shall prescribe. Whenever an appeal shall be taken or a dispute referred to the Secretary of Agriculture under this Act, he shall charge and assess, and cause to be collected, a reasonable fee, in amount to be fixed by him, which fee, in case of an appeal, shall be refunded if the appeal is sustained. All such fees, not so refunded, shall be deposited and covered into the Treasury as miscellaneous receipts. The findings of the Secretary of Agriculture as to grade, signed by him or by such officer or officers, agent or agents, of the Department of Agriculture as he may designate, made after the parties in interest have had opportunity to be heard, shall be accepted in the courts of the United States as prima facie evidence of the true grade of the grain determined by him at the time and place specified in the findings.

"SEC. 7. The Secretary of Agriculture may issue a license to any person, upon presentation to him of satisfactory evidence that such person is competent, to inspect and grade grain and to certificate the grade thereof for shipment or delivery for shipment in interstate or foreign commerce, under this Act and the rules and regulations prescribed thereunder. No person authorized or employed by any State, county, city, town, board of trade, chamber of commerce, corporation, society, partnership, or association to inspect or grade grain shall certify, or otherwise state or indicate in writing, that any grain for shipment or delivery for shipment in interstate or foreign commerce, which has been inspected or graded by him, or by any person acting under his authority, is of one of the grades of the official grain standards of the United States, unless he holds an unsuspended and unrevoked license issued by the Secretary of Agriculture: *Provided*, That in any State which has, or which may hereafter have a State grain inspection department established by the laws of such State, the Secretary of Agriculture shall issue licenses to the persons duly authorized and employed to inspect and grade grain under the laws of such State. The Secretary of Agriculture may suspend or revoke any license issued by him under this Act whenever, after opportunity for hearing has been given to the licensee, the Secretary shall determine that such licensee is incompetent or has knowingly or carelessly graded grain improperly or by any other standard than is authorized under this Act, or has issued any false certificate of grade, or has accepted any money or other consideration, directly or indirectly, for any neglect or improper performance of duty, or has violated any provision of this Act or of the rules and regulations made hereunder. Pending investigation the Secretary of Agriculture, whenever he deems necessary, may suspend a license temporarily without hearing: *Provided further*, That no person licensed by the Secretary of Agriculture to inspect or grade grain or employed by him in carrying out any of the provisions of this Act shall, during the term of such license or employment, be interested, financially or otherwise, directly or indirectly, in any grain elevator or warehouse, or in the merchandising of grain, nor shall he be in the employment



of any person or corporation owning or operating any grain elevator or warehouse.

"The Secretary of Agriculture shall require every inspector licensed under this Act to keep complete and correct records of all grain graded and inspected by him and to make reports to the Secretary of Agriculture, in such forms and at such times as he may require, showing the place of inspection, the date of inspection, the name of the elevator or warehouse, if any, to which the grain was delivered or from which it was shipped, the kind of grain, the quantity of each kind, the grade thereof, and such other information as the Secretary of Agriculture may deem necessary. The Secretary of Agriculture, on each first Tuesday in January and each first Tuesday in July of each year shall make publication of a summary of such facts as are ascertained, showing in as great detail as possible all the facts, including a summary as to the amount and grade of grain delivered to the elevator or warehouse and the amount and grade of grain delivered from such elevator or warehouse, and the estimated amount received on sample or type by such elevator or warehouse, and the estimated amount delivered therefrom on sample or type.

"SEC. 8. That the Secretary of Agriculture shall, from time to time, make such rules and regulations as he may deem necessary for the efficient execution of the provisions of this Act.

"SEC. 9. That any person who shall knowingly violate any of the provisions of sections four or seven of this Act, or any inspector licensed under this Act who shall knowingly inspect or grade improperly any grain which has been shipped or delivered for shipment in interstate or foreign commerce, or shall knowingly give any false certificate of grade, or shall accept money or other consideration, directly or indirectly, for any neglect or improper performance of duty, and any person who shall improperly influence or attempt to improperly influence any such inspector in the performance of his duty, shall be guilty of a misdemeanor, and upon conviction thereof shall be fined not more than \$1,000, or be imprisoned not more than one year, or both.

"SEC. 10. That every person who forcibly assaults, resists, impedes, or interferes with any officer or employee of the United States Department of Agriculture in the execution of any duties authorized to be performed by this Act or the rules and regulations made hereunder shall, upon conviction thereof, be fined not more than \$1,000, or be imprisoned not more than one year, or both.

"SEC. 11. That if any clause, sentence, paragraph, or part of this Act shall, for any reason, be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair, or invalidate the remainder thereof, but shall be confined in its operation to the clause, sentence, paragraph, or part thereof, directly involved in the controversy in which such judgment shall have been rendered.

"SEC. 12. That there is hereby appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$250,000, which shall be available until expended, for the expenses of carrying into effect the provisions of this Act, including such rent and the employment of such persons and means as the Secretary of Agriculture may deem necessary in the city of Washington and elsewhere."



## PART C.

That this part, to be known as the United States warehouse Act, be and is hereby enacted, to read and be effective hereafter as follows:

"That this Act shall be known by the short title of 'United States warehouse Act.'

"SEC. 2. That the term 'warehouse' as used in this Act shall be deemed to mean every building, structure, or other protected inclosure in which any agricultural product is or may be stored for interstate or foreign commerce, or, if located within any place under the exclusive jurisdiction of the United States, in which any agricultural product is or may be stored. The term 'agricultural product' wherever used in this Act shall be deemed to mean cotton, wool, grains, tobacco, and flaxseed, or any of them. As used in this Act, 'person' includes a corporation or partnership or two or more persons having a joint or common interest; 'warehouseman' means a person lawfully engaged in the business of storing agricultural products; and 'receipt' means a warehouse receipt.

"SEC. 3. That the Secretary of Agriculture is authorized to investigate the storage, warehousing, classifying according to grade and otherwise, weighing, and certification of agricultural products; upon application to him by any person applying for license to conduct a warehouse under this Act, to inspect such warehouse or cause it to be inspected; at any time, with or without application to him, to inspect or cause to be inspected all warehouses licensed under this Act; to determine whether warehouses for which licenses are applied for or have been issued under this Act are suitable for the proper storage of any agricultural product or products; to classify warehouses licensed or applying for a license in accordance with their ownership, location, surroundings, capacity, conditions, and other qualities, and as to the kinds of licenses issued or that may be issued for them pursuant to this Act; and to prescribe, within the limitations of this Act, the duties of the warehousemen conducting warehouses licensed under this Act with respect to their care of and responsibility for agricultural products stored therein.

"SEC. 4. That the Secretary of Agriculture is authorized, upon application to him, to issue to any warehouseman a license for the conduct of a warehouse or warehouses in accordance with this Act and such rules and regulations as may be made hereunder: *Provided*, That each such warehouse be found suitable for the proper storage of the particular agricultural product or products for which a license is applied for, and that such warehouseman agree, as a condition to the granting of the license, to comply with and abide by all the terms of this Act and the rules and regulations prescribed hereunder.

"SEC. 5. That each license issued under sections four and nine of this Act shall be issued for a period not exceeding one year and shall specify the date upon which it is to terminate, and upon showing satisfactory to the Secretary of Agriculture may from time to time be renewed or extended by a written instrument, which shall specify the date of its termination.

"SEC. 6. That each warehouseman applying for a license to conduct a warehouse in accordance with this Act shall, as a condition to the granting thereof, execute and file with the Secretary of Agriculture a good and sufficient bond other than personal security to the

United States to secure the faithful performance of his obligations as a warehouseman under the laws of the State, District, or Territory in which he is conducting such warehouse, as well as under the terms of this Act and the rules and regulations prescribed hereunder, and of such additional obligations as a warehouseman as may be assumed by him under contracts with the respective depositors of agricultural products in such warehouse. Said bond shall be in such form and amount, shall have such surety or sureties, subject to service of process in suits on the bond within the State, District, or Territory in which the warehouse is located, and shall contain such terms and conditions as the Secretary of Agriculture may prescribe to carry out the purposes of this Act, including the requirements of fire insurance. Whenever the Secretary of Agriculture shall determine that a bond approved by him is, or for any cause has become, insufficient, he may require an additional bond or bonds to be given by the warehouseman concerned, conforming with the requirements of this section, and unless the same be given within the time fixed by a written demand therefor the license of such warehouseman may be suspended or revoked.

"SEC. 7. That any person injured by the breach of any obligation to secure which a bond is given, under the provisions of sections six or nine, shall be entitled to sue on the bond in his own name in any court of competent jurisdiction to recover the damages he may have sustained by such breach.

"SEC. 8. That upon the filing with and approval by the Secretary of Agriculture of a bond, in compliance with this Act, for the conduct of a warehouse, such warehouse shall be designated as bonded hereunder; but no warehouse shall be designated as bonded under this Act, and no name or description conveying the impression that it is so bonded, shall be used, until a bond, such as provided for in section six, has been filed with and approved by the Secretary of Agriculture, nor unless the license issued under this Act for the conduct of such warehouse remains unsuspended and unrevoked.

"SEC. 9. That the Secretary of Agriculture may, under such rules and regulations as he shall prescribe, issue a license to any person not a warehouseman to accept the custody of agricultural products and to store the same in a warehouse or warehouses owned, operated, or leased by any State, upon condition that such person agree to comply with and abide by the terms of this Act and the rules and regulations prescribed hereunder. Each person so licensed shall issue receipts for the agricultural products placed in his custody, and shall give bond, in accordance with the provisions of this Act and the rules and regulations hereunder affecting warehousemen licensed under this Act, and shall otherwise be subject to this Act and such rules and regulations to the same extent as is provided for warehousemen licensed hereunder.

"SEC. 10. That the Secretary of Agriculture shall charge, assess, and cause to be collected a reasonable fee for every examination or inspection of a warehouse under this Act when such examination or inspection is made upon application of a warehouseman, and a fee not exceeding \$2 per annum for each license or renewal thereof issued to a warehouseman under this Act. All such fees shall be deposited and covered into the Treasury as miscellaneous receipts.



"SEC. 11. That the Secretary of Agriculture may, upon presentation of satisfactory proof of competency, issue to any person a license to classify any agricultural product or products, stored or to be stored in a warehouse licensed under this Act, according to grade or otherwise and to certificate the grade or other class thereof, or to weigh the same and certificate the weight thereof, or both to classify and weigh the same and to certificate the grade or other class and the weight thereof, upon condition that such person agree to comply with and abide by the terms of this Act and of the rules and regulations prescribed hereunder so far as the same relate to him.

"SEC. 12. That any license issued to any person to classify or to weigh any agricultural product or products under this Act may be suspended or revoked by the Secretary of Agriculture whenever he is satisfied, after opportunity afforded to the licensee concerned for a hearing, that such licensee has failed to classify or to weigh any agricultural product or products correctly, or has violated any of the provisions of this Act or of the rules and regulations prescribed hereunder, so far as the same may relate to him, or that he has used his license or allowed it to be used for any improper purpose whatsoever. Pending investigation, the Secretary of Agriculture, whenever he deems necessary, may suspend a license temporarily without hearing.

"SEC. 13. That every warehouseman conducting a warehouse licensed under this Act shall receive for storage therein, so far as its capacity permits, any agricultural product of the kind customarily stored therein by him which may be tendered to him in a suitable condition for warehousing, in the usual manner in the ordinary and usual course of business, without making any discrimination between persons desiring to avail themselves of warehouse facilities.

"SEC. 14. That any person who deposits agricultural products for storage in a warehouse licensed under this Act shall be deemed to have deposited the same subject to the terms of this Act and the rules and regulations prescribed hereunder.

"SEC. 15. That grain, flaxseed, or any other fungible agricultural product stored for interstate or foreign commerce, or in any place under the exclusive jurisdiction of the United States, in a warehouse licensed under this Act shall be inspected and graded by a person duly licensed to grade the same under this Act.

"SEC. 16. That every warehouseman conducting a warehouse licensed under this Act shall keep the agricultural products therein of one depositor so far separate from agricultural products of other depositors, and from other agricultural products of the same depositor for which a separate receipt has been issued, as to permit at all times the identification and redelivery of the agricultural products deposited; but if authorized by agreement or by custom, a warehouseman may mingle fungible agricultural products with other agricultural products of the same kind and grade, and shall be severally liable to each depositor for the care and redelivery of his share of such mass, to the same extent and under the same circumstances as if the agricultural products had been kept separate, but he shall at no time while they are in his custody mix fungible agricultural products of different grades.

"SEC. 17. That for all agricultural products stored for interstate or foreign commerce, or in any place under the exclusive jurisdiction of the United States, in a warehouse licensed under this Act original



receipts shall be issued by the warehouseman conducting the same, but no receipts shall be issued except for agricultural products actually stored in the warehouse at the time of the issuance thereof.

"SEC. 18. That every receipt issued for agricultural products stored in a warehouse licensed under this Act shall embody within its written or printed terms (a) the location of the warehouse in which the agricultural products are stored; (b) the date of issue of the receipt; (c) the consecutive number of the receipt; (d) a statement whether the agricultural products received will be delivered to the bearer, to a specified person, or to a specified person or his order; (e) the rate of storage charges; (f) a description of the agricultural products received, showing the quantity thereof, or, in case of agricultural products customarily put up in bales or packages, a description of such bales or packages by marks, numbers, or other means of identification and the weight of such bales or packages; (g) the grade or other class of the agricultural products received and the standard or description in accordance with which such classification has been made: *Provided*, That such grade or other class shall be stated according to the official standard of the United States applicable to such agricultural products as the same may be fixed and promulgated under authority of law: *Provided further*, That until such official standards of the United States for any agricultural product or products have been fixed and promulgated, the grade or other class thereof may be stated in accordance with any recognized standard or in accordance with such rules and regulations not inconsistent herewith as may be prescribed by the Secretary of Agriculture; (h) a statement that the receipt is issued subject to the United States warehouse Act and the rules and regulations prescribed thereunder; (i) if the receipt be issued for agricultural products of which the warehouseman is owner, either solely or jointly or in common with others, the fact of such ownership; (j) a statement of the amount of advances made and of liabilities incurred for which the warehouseman claims a lien: *Provided*, That if the precise amount of such advances made or of such liabilities incurred be at the time of the issue of the receipt unknown to the warehouseman or his agent who issues it, a statement of the fact that advances have been made or liabilities incurred and the purpose thereof shall be sufficient; (k) such other terms and conditions within the limitations of this Act as may be required by the Secretary of Agriculture; and (l) the signature of the warehouseman, which may be made by his authorized agent: *Provided*, That unless otherwise required by the law of the State in which the warehouse is located, when requested by the depositor of other than fungible agricultural products, a receipt omitting compliance with subdivision (g) of this section may be issued if it have plainly and conspicuously embodied in its written or printed terms a provision that such receipt is not negotiable.

"SEC. 19. That the Secretary of Agriculture is authorized, from time to time, to establish and promulgate standards for agricultural products in this Act defined by which their quality or value may be judged or determined: *Provided*, That the standards for any agricultural products which have been, or which in future may be, established by or under authority of any other Act of Congress shall be, and are hereby, adopted for the purposes of this Act as the official

standards of the United States for the agricultural products to which they relate.

"SEC. 20. That while an original receipt issued under this Act is outstanding and uncanceled by the warehouseman issuing the same no other or further receipt shall be issued for the agricultural product covered thereby or for any part thereof, except that in the case of a lost or destroyed receipt a new receipt, upon the same terms and subject to the same conditions and bearing on its face the number and date of the receipt in lieu of which it is issued, may be issued upon compliance with the statutes of the United States applicable thereto in places under the exclusive jurisdiction of the United States or upon compliance with the laws of any State applicable thereto in any place not under the exclusive jurisdiction of the United States: *Provided*, That if there be in such case no statute of the United States or law of a State applicable thereto such new receipts may be issued upon the giving of satisfactory security in compliance with the rules and regulations made pursuant to this Act.

"SEC. 21. That a warehouseman conducting a warehouse licensed under this Act, in the absence of some lawful excuse, shall, without unnecessary delay, deliver the agricultural products stored therein upon a demand made either by the holder of a receipt for such agricultural products or by the depositor thereof if such demand be accompanied with (a) an offer to satisfy the warehouseman's lien; (b) an offer to surrender the receipt, if negotiable, with such indorsements as would be necessary for the negotiation of the receipt; and (c) a readiness and willingness to sign, when the products are delivered, an acknowledgment that they have been delivered if such signature is requested by the warehouseman.

"SEC. 22. That a warehouseman conducting a warehouse licensed under this Act shall plainly cancel upon the face thereof each receipt returned to him upon the delivery by him of the agricultural products for which the receipt was issued.

"SEC. 23. That every warehouseman conducting a warehouse licensed under this Act shall keep in a place of safety complete and correct records of all agricultural products stored therein and withdrawn therefrom, of all warehouse receipts issued by him, and of the receipts returned to and canceled by him, shall make reports to the Secretary of Agriculture concerning such warehouse and the condition, contents, operation, and business thereof in such form and at such times as he may require, and shall conduct said warehouse in all other respects in compliance with this Act and the rules and regulations made hereunder.

"SEC. 24. That the Secretary of Agriculture is authorized to cause examinations to be made of any agricultural product stored in any warehouse licensed under this Act. Whenever, after opportunity for hearing is given to the warehouseman conducting such warehouse, it is determined that he is not performing fully the duties imposed on him by this Act and the rules and regulations made hereunder, the Secretary may publish his findings.

"SEC. 25. That the Secretary of Agriculture may, after opportunity for hearing has been afforded to the licensee concerned, suspend or revoke any license issued to any warehouseman conducting a warehouse under this Act, for any violation of or failure to comply with



any provision of this Act or of the rules and regulations made hereunder or upon the ground that unreasonable or exorbitant charges have been made for services rendered. Pending investigation, the Secretary of Agriculture, whenever he deems necessary, may suspend a license temporarily without hearing.

"SEC. 26. That the Secretary of Agriculture from time to time may publish the results of any investigations made under section three of this Act; and he shall publish the names and locations of warehouses licensed and bonded and the names and addresses of persons licensed under this Act and lists of all licenses terminated under this Act and the causes therefor.

"SEC. 27. That the Secretary of Agriculture is authorized through officials, employees, or agents of the Department of Agriculture designated by him to examine all books, records, papers, and accounts of warehouses licensed under this Act and of the warehousemen conducting such warehouses relating thereto.

"SEC. 28. That the Secretary of Agriculture shall from time to time make such rules and regulations as he may deem necessary for the efficient execution of the provisions of this Act.

"SEC. 29. That nothing in this Act shall be construed to conflict with, or to authorize any conflict with, or in any way to impair or limit the effect or operation of the laws of any State relating to warehouses, warehousemen, weighers, graders, or classifiers; but the Secretary of Agriculture is authorized to cooperate with such officials as are charged with the enforcement of such State laws in such States and through such cooperation to secure the enforcement of the provisions of this Act; nor shall this Act be construed so as to limit the operation of any statute of the United States relating to warehouses or warehousemen, weighers, graders, or classifiers now in force in the District of Columbia or in any Territory or other place under the exclusive jurisdiction of the United States.

"SEC. 30. That every person who shall forge, alter, counterfeit, simulate, or falsely represent, or shall without proper authority use, any license issued by the Secretary of Agriculture under this Act, or who shall violate or fail to comply with any provision of section eight of this Act, or who shall issue or utter a false or fraudulent receipt or certificate, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined not more than \$500 or imprisoned not more than six months, or both, in the discretion of the court.

"SEC. 31. That there is hereby appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$50,000, available until expended, for the expenses of carrying into effect the provisions of this Act, including the payment of such rent and the employment of such persons and means as the Secretary of Agriculture may deem necessary in the city of Washington and elsewhere, and he is authorized, in his discretion, to employ qualified persons not regularly in the service of the United States for temporary assistance in carrying out the purposes of this Act, and out of the moneys appropriated by this Act to pay the salaries and expenses thereof.

"SEC. 32. That if any clause, sentence, paragraph, or part of this Act shall, for any reason, be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair, or invalidate the remainder thereof, but shall be confined in its operation to the clause, sentence, paragraph, or part thereof directly involved in the controversy in which such judgment shall have been rendered.



"SEC. 33. That the right to amend, alter, or repeal this Act is hereby expressly reserved."

EXPERIMENTS AND DEMONSTRATIONS IN LIVE-STOCK PRODUCTION IN THE CANE-SUGAR AND COTTON DISTRICTS OF THE UNITED STATES: To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States, including the erection of barns and other necessary buildings, and the employment of persons and means in the city of Washington and elsewhere, \$60,000.

EXPERIMENTS IN DAIRYING AND LIVE-STOCK PRODUCTION IN SEMI-ARID AND IRRIGATED DISTRICTS OF THE WESTERN UNITED STATES: To enable the Secretary of Agriculture to conduct investigations and experiments in problems connected with the establishment of dairying and meat-production enterprises on the semiarid and irrigated lands of the western United States, including the purchase of live stock, the erection of barns and other necessary buildings, and the employment of necessary persons and means in the city of Washington and elsewhere, \$40,000.

That not to exceed \$60,000 of the lump-sum appropriations herein made for the Department of Agriculture shall be available for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats necessary in the conduct of the field work of the Department of Agriculture outside the District of Columbia: *Provided*, That not to exceed \$10,000 of this amount shall be expended for the purchase of such vehicles and boats, and that such vehicles and boats shall be used only for official service outside the District of Columbia, but this shall not prevent the continued use for official service of motor trucks in the District of Columbia: *Provided further*, That the Secretary of Agriculture shall, on the first day of each regular session of Congress, make a report to Congress showing the amount expended under the provisions of this paragraph during the preceding fiscal year: *Provided*, That hereafter, nothing in this paragraph or in section five of the legislative, executive, and judicial appropriation Act, approved July sixteenth, nineteen hundred and fourteen (Thirty-eighth Statutes at Large, page five hundred and eight), shall be construed to apply to the hire of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats necessary in the conduct of the field work of the department, or to the maintenance, repair, or operation of vehicles so hired.

DETAILED ESTIMATES FOR EXECUTIVE OFFICERS, CLERKS, AND EMPLOYEES BELOW THE GRADE OF CLERK: The Secretary of Agriculture for the fiscal year nineteen hundred and eighteen, and annually thereafter, shall transit to the Secretary of the Treasury for submission to Congress in the Book of Estimates detailed estimates for all executive officers, clerks, and employees below the grade of clerk, indicating the salary or compensation of each, necessary to be employed by the various bureaus, offices, and divisions of the Department of Agriculture, and shall include with such estimates a statement of all executive officers, clerks, and employees below the grade of clerk who may have been employed during the last completed fiscal year on any lump fund appropriation for the department and the salary or compensation of each.

The Secretary of Agriculture is directed hereafter to submit to Congress annually a statement showing investigations and other services conducted by the Department of Agriculture which have been completed and which can be discontinued.

That section two of the agricultural appropriation Act of March third, eighteen hundred and eighty-five (Twenty-third Statutes at Large, page three hundred and fifty-three), be, and the same hereby is, amended so as to read as follows, effective on and after June eighteenth, nineteen hundred and sixteen:

"SEC. 2. That hereafter in addition to the proper vouchers and accounts for the sums appropriated for the Department of Agriculture to be furnished to the accounting officers of the Treasury, the Secretary of Agriculture shall, at the commencement of each regular session, present to Congress a detailed statement of the expenditure of all appropriations for said department for the last preceding fiscal year."

**ERADICATION OF FOOT-AND-MOUTH AND OTHER CONTAGIOUS DISEASES OF ANIMALS:** In case of an emergency arising out of the existence of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals which, in the opinion of the Secretary of Agriculture, threatens the live-stock industry of the country, he may expend in the city of Washington or elsewhere, out of any money in the Treasury not otherwise appropriated, the sum of \$1,250,000, which sum is hereby appropriated, or so much thereof as he determines to be necessary, in the arrest and eradication of any such disease, including the payment of claims growing out of past and future purchases and destruction, in cooperation with the States, of animals affected by or exposed to, or of materials contaminated by or exposed to, any such disease, wherever found and irrespective of ownership, under like or substantially similar circumstances, when such owner has complied with all lawful quarantine regulations: *Provided*, That the payment for animals hereafter purchased may be made on appraisement based on the meat, dairy, or breeding value, but in case of appraisement based on breeding value no appraisement of any animal shall exceed three times its meat or dairy value, and except in case of an extraordinary emergency, to be determined by the Secretary of Agriculture, the payment by the United States Government for any animal shall not exceed one-half of any of such appraisements: *Provided further*, That so much of the appropriation of \$2,500,000 made by the agricultural appropriation Act of March fourth, nineteen hundred and fifteen, for the fiscal year ending June thirtieth, nineteen hundred and sixteen, for the arrest and eradication of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals, as remains unexpended at the close of said fiscal year, is hereby reappropriated and made available for expenditure during the fiscal year ending June thirtieth, nineteen hundred and seventeen, for the objects mentioned in said appropriation Act, including necessary investigations to determine whether said diseases have been completely eradicated in districts where they previously existed.

Total carried by this bill for the Department of Agriculture, \$26,948,852.

Approved, August 11, 1916.







